50PG03—16
Single—Package Rooftop Units
Electric Heater and
Single Point Box Accessories

Carrier®
Turn to the Experts.℠

Installation Instructions

Heater Part Numbers: CRHEATER200A00 through CRHEATER263A00
Single Point Box Part Numbers: CSINGLE028A00 through CRSINGLE036A00

HEATER PACKAGE CONTENTS

ITEM	QUANTITY
Heater Module	1
Wiring Label	1

SINGLE POINT BOX PACKAGE CONTENTS

ITEM	QUANTITY
Single Point Box	1
Terminal Block	*
Wiring Label	1
Fuse Block†	*

* Quantity varies by kit.
† If single point box has fuses, contents will include a hinged cover, rivets, and magnetic latch.

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SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory−authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with kits or accessories when installing.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements.

Recognize safety information. This is the safety−alert symbol ⚠. When you see this symbol on the furnace and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety−alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

⚠ CAUTION

ELECTRICAL OPERATION HAZARD

Failure to follow this caution may cause personal injury and damage to equipment.

Field modification of electric heat staging may result in the overriding of electric heat safety switches and is prohibited.

⚠ CAUTION

PROPERTY DAMAGE HAZARD

Failure to follow this caution may result in property damage.

When removing panels from the unit, be careful not to damage the roof or other surfaces with the panels.

GENERAL

This installation instruction covers accessory heaters CRHEATER200A00 through CRHEATER263A00. A single point box may be required for some heaters. The single point box must be ordered separately when required.

INSTALLATION

Heater Installation

Perform the following procedure to install the accessory electric heaters:

1. Turn off power to the unit. Install “Lock−Out Tag−Out” tag on unit disconnect or breaker.
2. Configure unit for horizontal duct configuration, if desired.

NOTE: The 50PG16 size requires an accessory conversion kit for converting from vertical to horizontal duct configuration.

3. Permanently mark the appropriate block on the unit nameplate for the accessory heater installed.
4. Verify unit input power wire sizing and circuit protection per requirements on the unit nameplate for the accessory heater installed.
5. Open the electric heater section, compressor section, and indoor fan section access doors. (See Fig. 1.)

6. Remove the block-off plate from electric heater compartment and save screws. (See Fig. 2.)
7. Slide heater module into heater compartment by aligning the heater frame with the heater opening. Do NOT handle heater assembly by the heating coils. Handle by sheet metal panel only. (See Fig. 3.)

NOTE: The 50PG16 heater bottom-rear flange will secure into a slot on the internal cross rail when fully installed. Check that the heater flange is straight and flat before installing.

8. Secure electric heater to unit using screws from item 6. Heater will attach to the block off plate screw holes.
9. Route heater power wires to the left through the foam bushing and to the single point power connection box in the compressor section. (See Fig. 3 and 4.)
10. Install the single point box, if required. Refer to the Install Single Point Box, Step 2, for details.
11. Route the control wires to the left through the foam bushing. Connect to the mating plug (PL−3) in the wire harness in the indoor fan section. Do not route 24 volt low voltage wiring beside high voltage wiring. Maintain at least a 1−2" separation.
12. Set the manual reset limit switch on the fan housing by pressing the button located between the terminals on the switch. (See Fig. 3.)

NOTE: This switch is added as a supplemental means to de−energize the electric heat contactor in case of indoor airflow failure. The switch should only open and require reset for a switch temperature above 200°F.

13. Apply heater wiring label to inside of electric heater section door. (See Fig. 5.)
14. Close all access doors.
15. Remove "Lock−Out Tag−Out" tag. Apply power to unit.

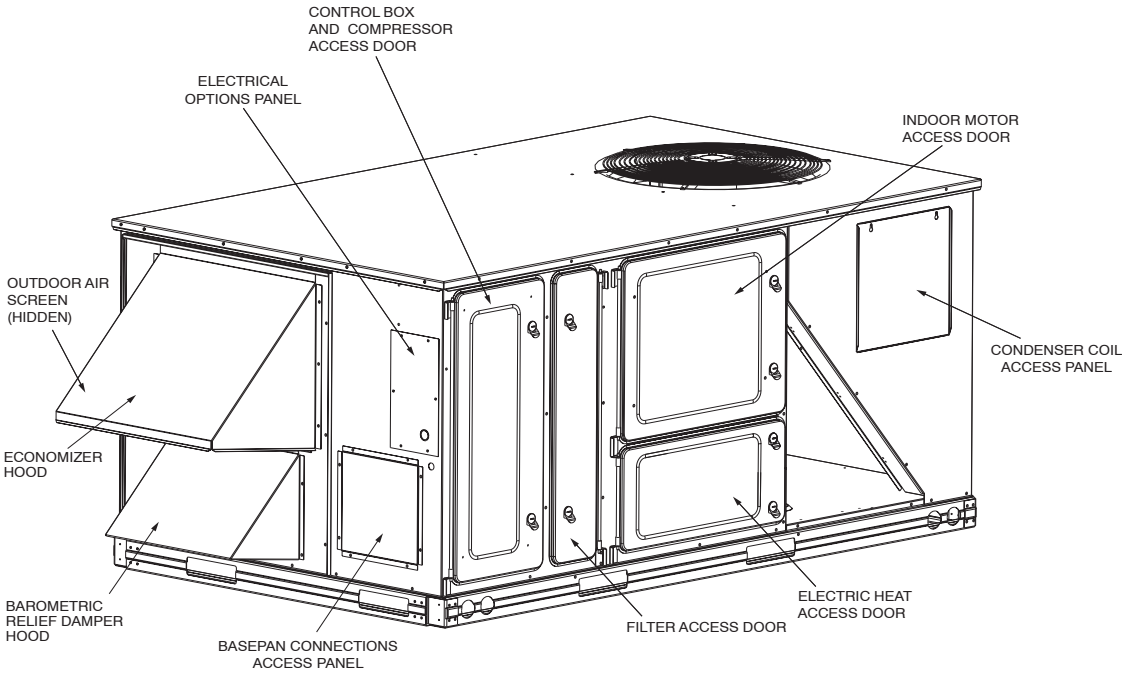

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Fig. 1 — Panel Locations

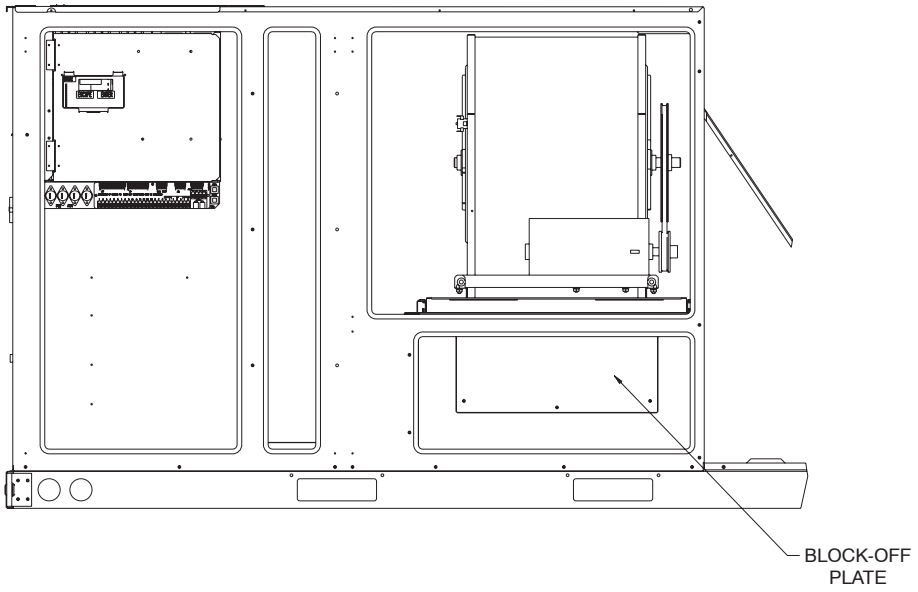

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Fig. 2 — Block–Off Plate

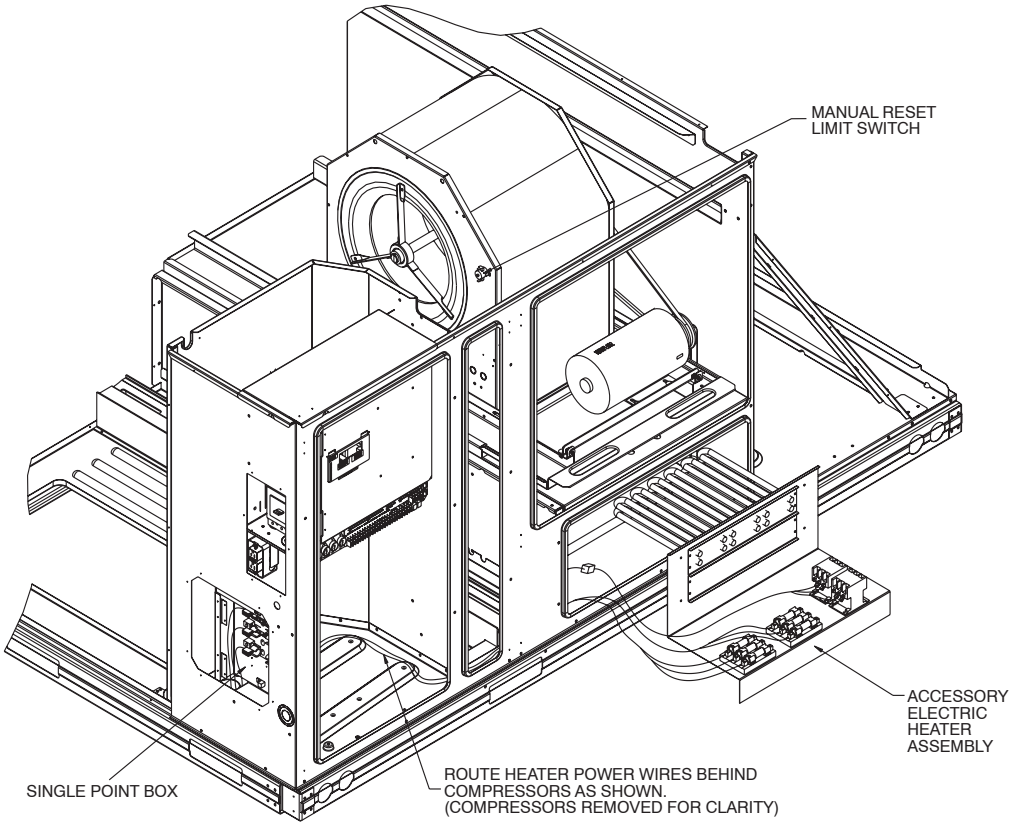

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Fig. 3 — Electric Heater Installation

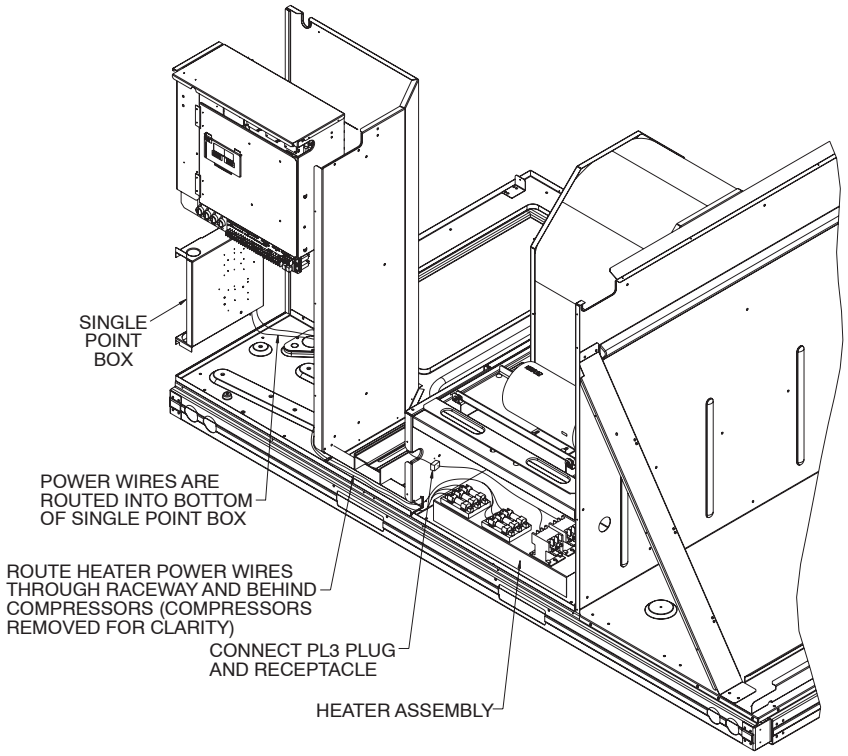

Fig. 4 — Electric Heater Wire Routing

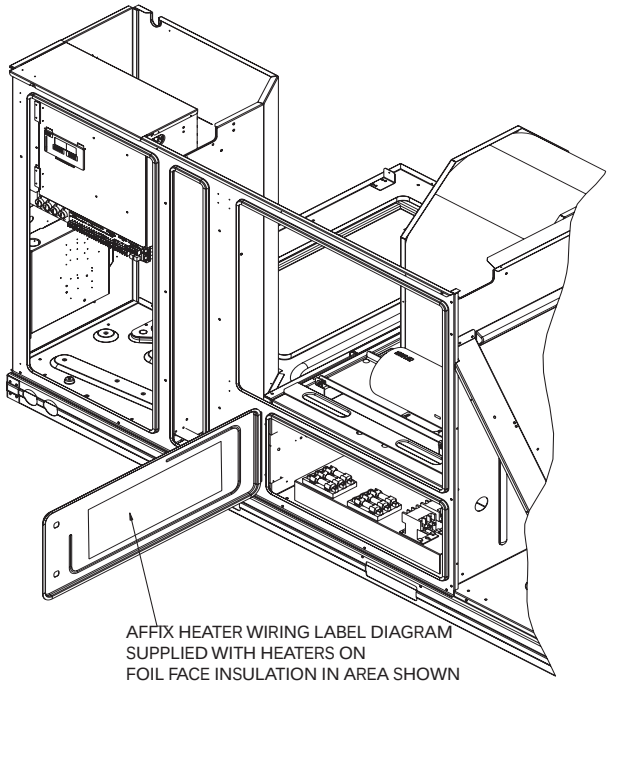

Fig. 5 — Heater Label Location

Install Single Point Box

See Tables 1 and 2 to determine the correct single point box accessory for the selected heater. The appropriate single point box is determined by the MOCP (maximum overcurrent protection) for the heater and unit combination. Refer to the correct figure for correct installation of the single point box components.

Single point accessories CRSINGLE028A00 and CRSINGLE030A00 are for use on units where the combined MOCP rating is less than 60 amps. These accessories contain only a terminal block; no fuses are provided. Fuses are not required per the National Electrical Code in these single point accessories since the circuit is below 60 amps. Field−supplied pressure connectors (Kerneys) may be used in place of these single point boxes.

All fuses provided in the single point boxes are rated at 60 amps.

UNIT VOLTAGE	FUSE VOLTAGE RATING	UL CLASS
208/230	250	RK5
460	600	T
575	600	T

To install single point box:

1. Remove single point box access panel located on the end of the unit. Save panel and screws. (See Fig. 3.)
2. Using the screws provided, install the terminal blocks and fuse blocks (if required). (See Fig. 6-12.)
3. If required, using the wires provided, connect the terminal block to the fuse block. (See Fig. 13-22.)
4. Route power wires from the control box and electric heaters into the single point box. Route power wires from the disconnect into the single point box through power entry hole located next to the access panel. Make all wiring connections.
5. If single point box has fuses, install hinged cover using rivets provided. Install magnetic latch in rectangular hole. (See Fig. 7-10 and 12.)
6. Install wiring label on back of single point box access panel or on hinged cover.
7. Replace single point box access panel removed in item 1.

Configuring the *Comfort*Link™ Control

The *Comfort*Link control must be configured for Electric Heat (default is No Heat). In addition, if a single-stage electric heater has been installed, it will be necessary to change the N.HTR configuration (2 is the default setting). These configurations are changed through the Scrolling Marquee Display or a Carrier network device.

NOTE: Consult the Controls and Troubleshooting Guide for in depth instructions on using and configuring the *Comfort*Link control. The following instructions are written for the Scrolling Marquee Display or Navigator™ accessory.

1. The *Comfort*Link control must be configured to use the electric heater accessory. A password may be required to edit the configurations depending on the previous settings configured in the unit. Default password is "1111."
2. To configure the *Comfort*Link control, use the arrow keys to scroll the red LED on the display to the "Configuration" position and press ENTER.
3. Use the arrow keys to scroll down until the display shows "HEAT." This is the Heating Configuration Sub Mode. Press ENTER.
4. The *Comfort*Link control will display the Type of Heat (HT.TY) setting. Press ENTER once to select the HT.TY setting for configuration. Press ENTER again. A "0" will begin flashing.
5. Use the arrow keys to change the configuration from "0" (No Heat) to "2" (Electric Heat) and press ENTER. Press ESCAPE to save the setting.
6. For single-stage electric heaters only (10 kW or less), the Number of Heat Stages must be changed from 2 to 1.
   a. Use the arrow keys to scroll down to the Number of Heat Stages setting (N.HTR). Press ENTER to select the N.HTR setting for configuration.
   b. Press ENTER again. Configuration value will flash.
   c. Use the arrow keys to change the configuration from "2" (2 stages of heat) to "1" (one stage of heat) and press ENTER.
   d. Press ESCAPE to save the configuration change.
7. Configuration of *Comfort*Link™ control is now complete. Pressing ESCAPE multiple times will return the display to the auto-scroll setting.
8. Close and secure all access doors.

THERMOSTAT CONTROL

For heat mode to operate, the accessory thermostat must be connected to the corresponding W1 and W2 terminals on the field connection terminal board located in the unit control box.

SPACE TEMPERATURE CONTROL

(Direct Wired or CCN)

For heat mode to operate, a jumper must be connected between R and W1 on the field-connection terminal board located in the unit control box.

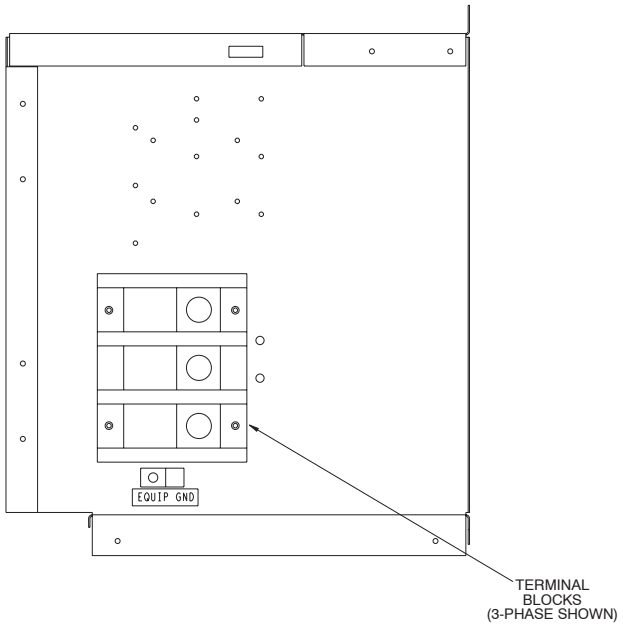

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Fig. 6 — Single Point Box CRSINGLE028A00, CRSINGLE030A00

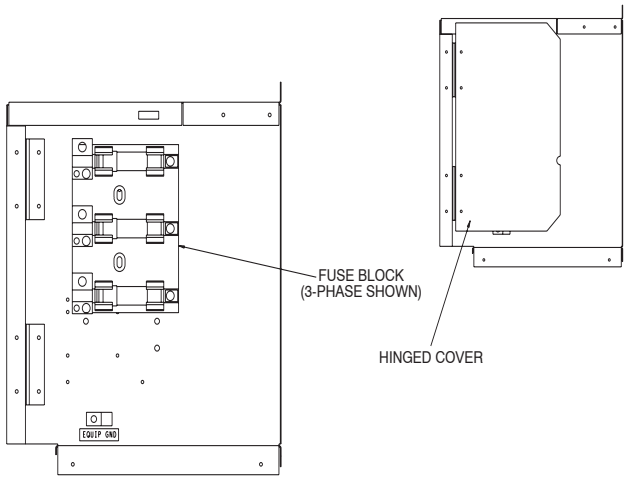

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Fig. 7 — Single Point Box CRSINGLE029A00, CRSINGLE031A00

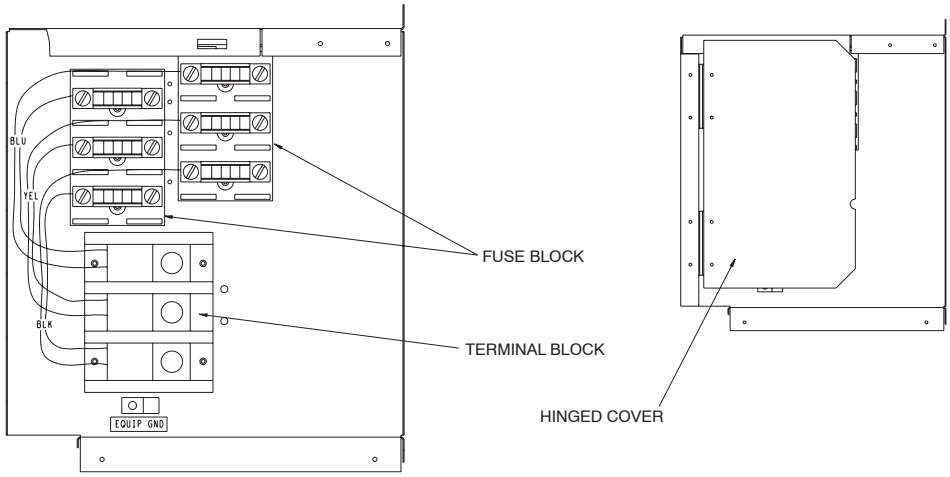

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Fig. 8 — Single Point Box CRSINGLE032A00

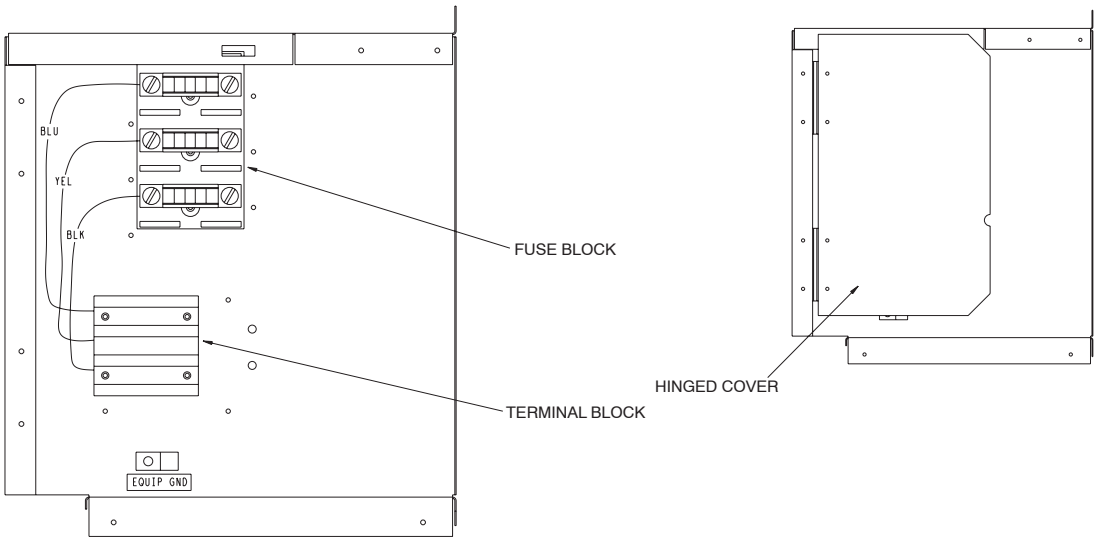

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Fig. 9 — Single Point Box CRSINGLE033A00

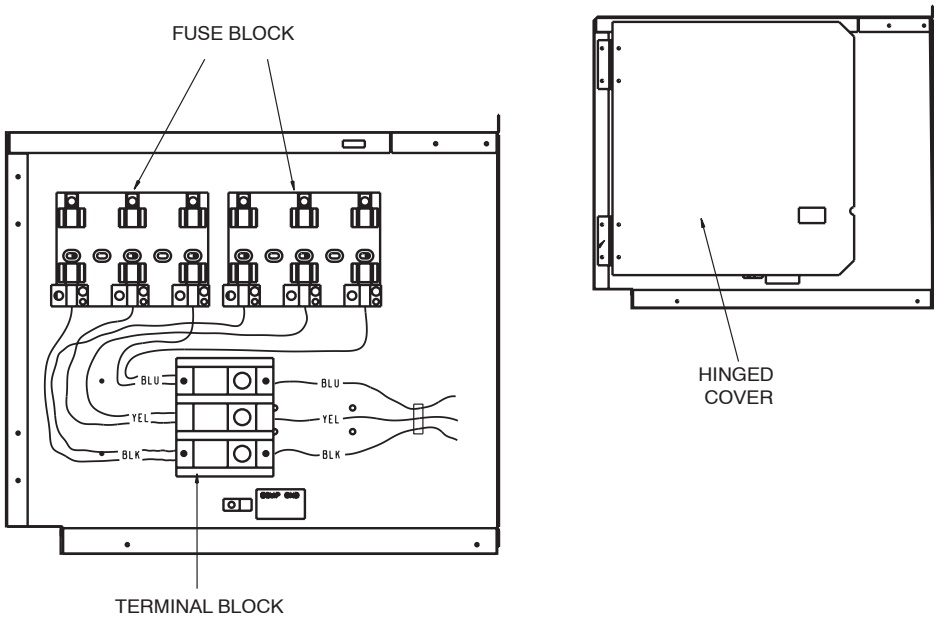

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Fig. 10 — Single Point Box CRSINGLE034A00

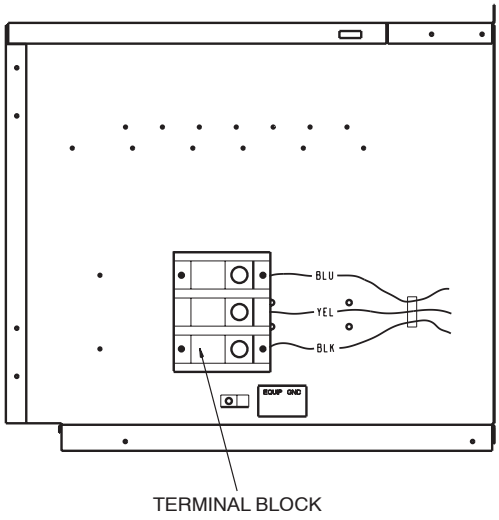

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Fig. 11 — Single Point Box CRSINGLE035A00

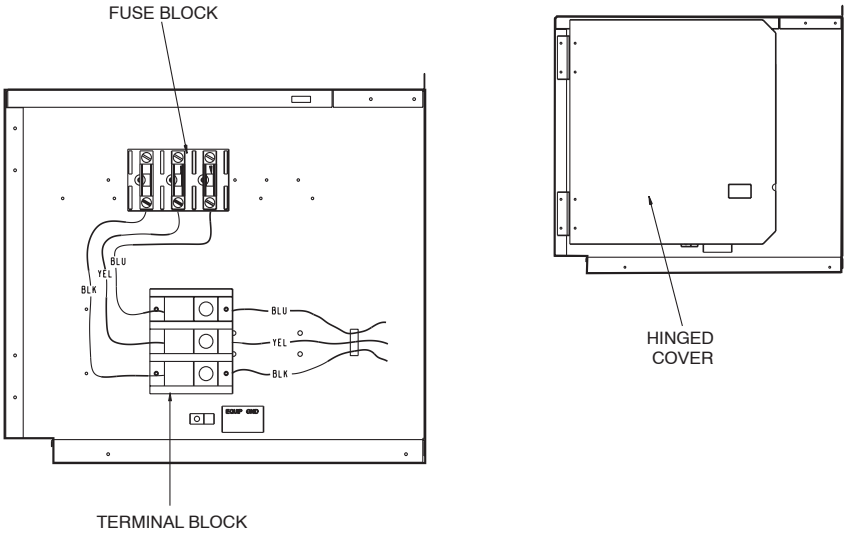

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Fig. 12 — Single Point Box CRSINGLE036A00

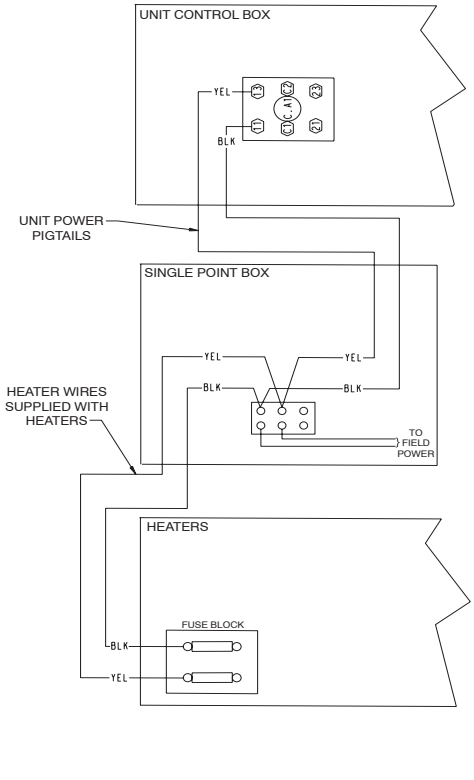

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Fig. 13 — Heater Wiring CRSINGLE028A00

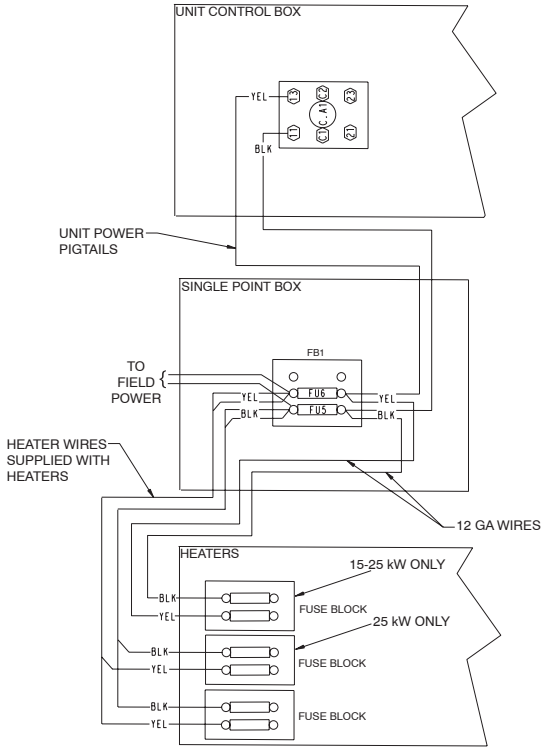

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Fig. 14 — Heater Wiring CRSINGLE029A00

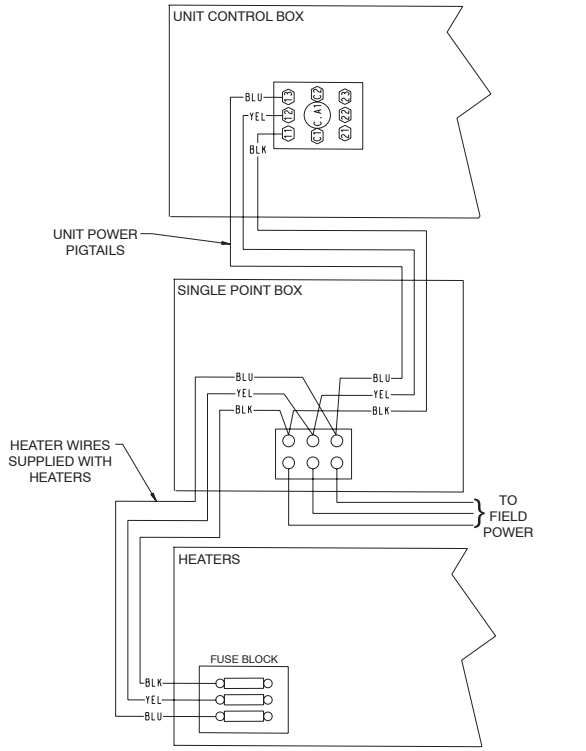

Fig. 15 — Heater Wiring CRSINGLE030A00

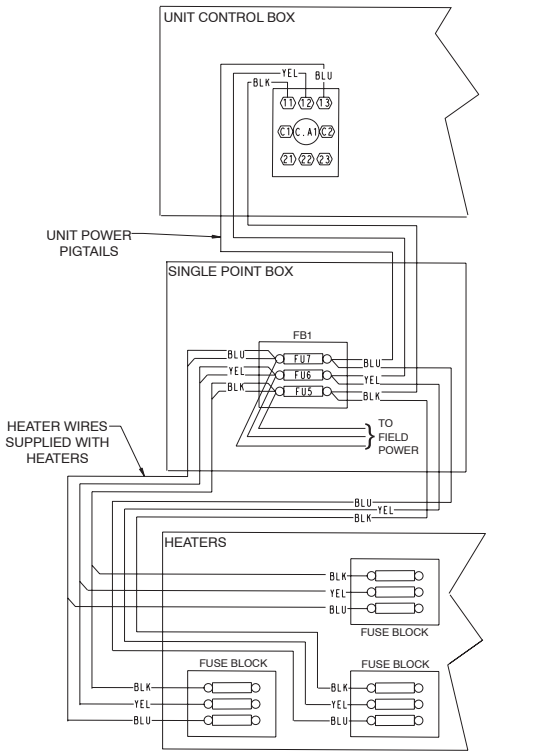

Fig. 17 — Heater Wiring CRSINGLE031A00, 35–50 kW

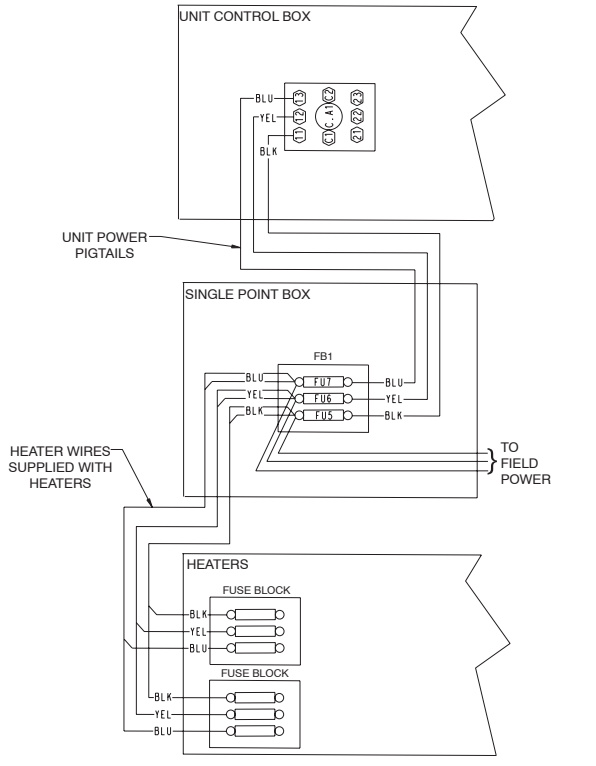

Fig. 16 — Heater Wiring CRSINGLE031A00

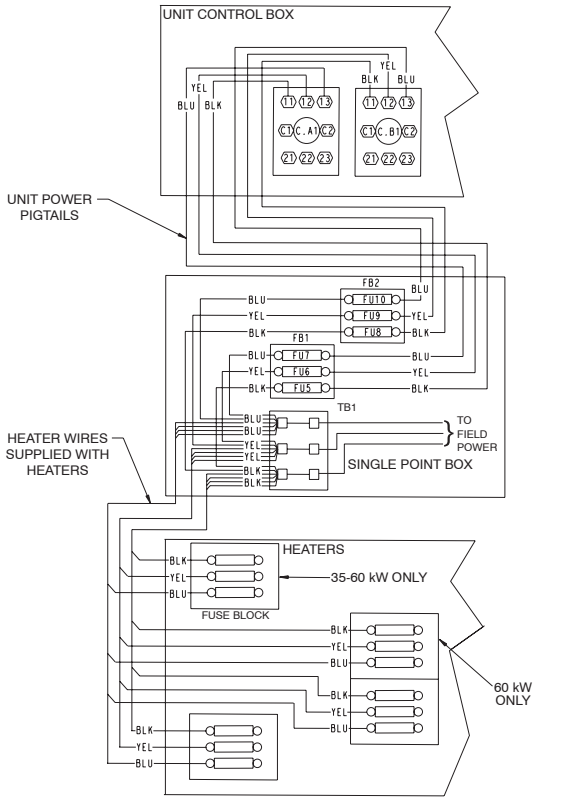

Fig. 18 — Heater Wiring CRSINGLE032A00

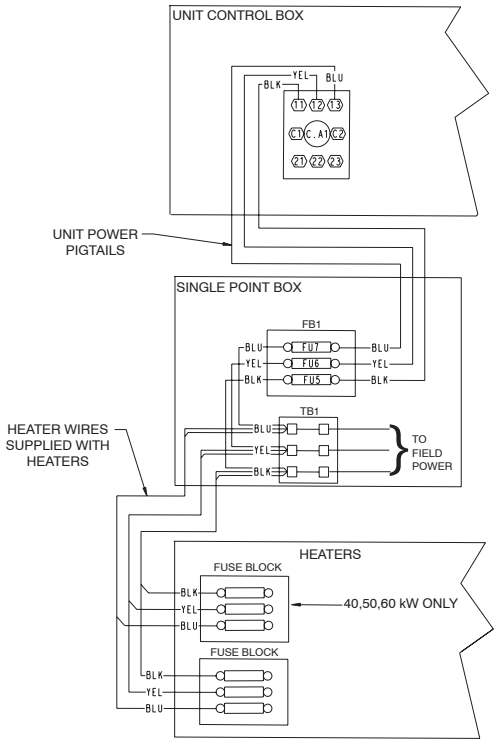

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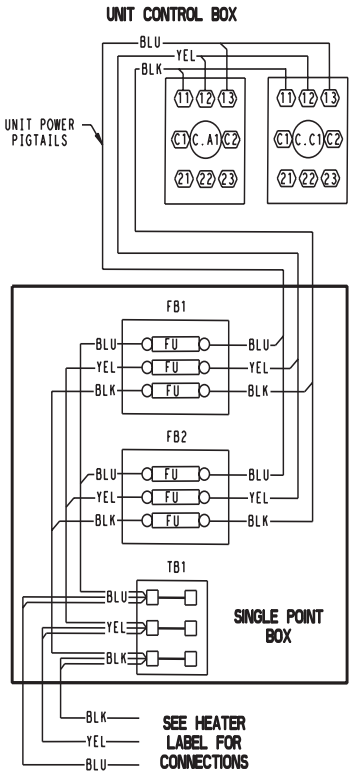
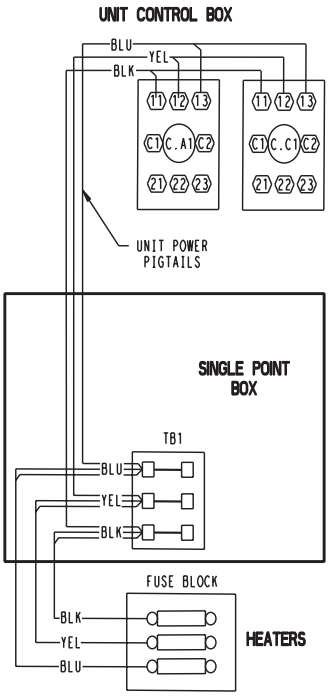
Fig. 19 — Heater Wiring CRSINGLE033A00



C06201

Fig. 20 — Heater Wiring CRSINGLE034A00



C06202

Fig. 21 — Heater Wiring CRSINGLE035A00

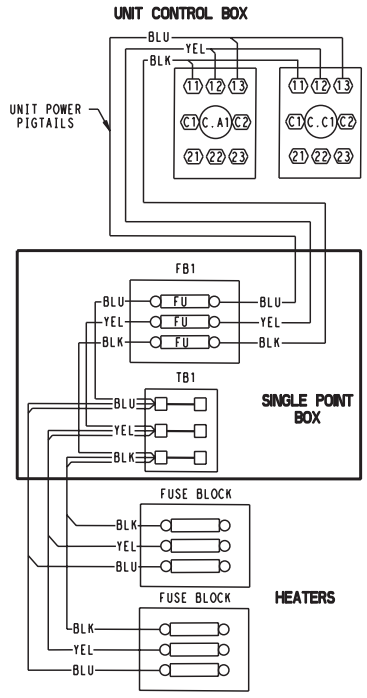


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Fig. 22 — Heater Wiring CRSINGLE036A00

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS—PH—HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (Note 3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
03	208/230-1-60	187	253	12.8	60	0.9	4.9	—	Low	—	—	—/—	21.8/21.8	30/30	—	21/21	73/73	—
										200A00	10.8/12.5	2.3/ 3.0	21.8/21.8	30/30	028A00	21/21	73/73	13
										201A00	17.3/20.0	3.8/ 5.0	27.8/31.1	30/35	028A00	26/29	73/73	13
										202A00	26.0/30.0	5.6/ 7.5	38.6/43.6	40/45	028A00	36/40	73/73	13
										203A00	34.7/40.0	7.5/10.0	49.5/56.1	50/60	028A00	45/52	73/73	13
									High	—	—	—/—	21.8/21.8	30/30	—	21/21	73/73	—
										200A00	10.8/12.5	2.3/ 3.0	21.8/21.8	30/30	028A00	21/21	73/73	13
										201A00	17.3/20.0	3.8/ 5.0	27.8/31.1	30/35	028A00	26/29	73/73	13
										202A00	26.0/30.0	5.6/ 7.5	38.6/43.6	40/45	028A00	36/40	73/73	13
										203A00	34.7/40.0	7.5/10.0	49.5/56.1	50/60	028A00	45/52	73/73	13
								1.4	Low	—	—	—/—	23.2/23.2	30/30	—	23/23	75/75	—
										200A00	10.8/12.5	2.3/ 3.0	23.2/23.5	30/30	028A00	23/23	75/75	13
										201A00	17.3/20.0	3.8/ 5.0	29.5/32.9	30/35	028A00	27/30	75/75	13
										202A00	26.0/30.0	5.6/ 7.5	40.4/45.4	45/50	028A00	37/42	75/75	13
										203A00	34.7/40.0	7.5/10.0	51.2/57.9	60/60	028A00	47/53	75/75	13
									High	—	—	—/—	23.2/23.2	30/30	—	23/23	75/75	—
										200A00	10.8/12.5	2.3/ 3.0	23.2/23.5	30/30	028A00	23/23	75/75	13
										201A00	17.3/20.0	3.8/ 5.0	29.5/32.9	30/35	028A00	27/30	75/75	13
										202A00	26.0/30.0	5.6/ 7.5	40.4/45.4	45/50	028A00	37/42	75/75	13
										203A00	34.7/40.0	7.5/10.0	51.2/57.9	60/60	028A00	47/53	75/75	13
04	208/230-1-60	187	253	15.4	83	0.9	4.9	—	Low	—	—	—/—	25.0/25.0	30/30	—	24/24	96/96	—
										200A00	10.8/12.5	2.3/ 3.0	25.0/25.0	30/30	028A00	24/24	96/96	13
										201A00	17.3/20.0	3.8/ 5.0	27.8/31.1	30/40	028A00	26/29	96/96	13
										202A00	26.0/30.0	5.6/ 7.5	38.6/43.6	40/45	028A00	36/40	96/96	13
										203A00	34.7/40.0	7.5/10.0	49.5/56.1	50/60	028A00	45/52	96/96	13
										204A00	52.0/60.0	11.3/15.0	71.1/81.1	80/90	029A00	65/75	96/96	14
									High	—	—	—/—	25.0/25.0	30/30	—	24/24	96/96	—
										200A00	10.8/12.5	2.3/ 3.0	25.0/25.0	30/30	028A00	24/24	96/96	13
										201A00	17.3/20.0	3.8/ 5.0	27.8/31.1	30/40	028A00	26/29	96/96	13
										202A00	26.0/30.0	5.6/ 7.5	38.6/43.6	40/45	028A00	36/40	96/96	13
										203A00	34.7/40.0	7.5/10.0	49.5/56.1	50/60	028A00	45/52	96/96	13
										204A00	52.0/60.0	11.3/15.0	71.1/81.1	80/90	029A00	65/75	96/96	14
								1.4	Low	—	—	—/—	26.4/26.4	40/40	—	26/26	98/98	—
										200A00	10.8/12.5	2.3/ 3.0	26.4/26.4	40/40	028A00	26/26	98/98	13
										201A00	17.3/20.0	3.8/ 5.0	29.5/32.9	40/40	028A00	27/30	98/98	13
										202A00	26.0/30.0	5.6/ 7.5	40.4/45.4	45/50	028A00	37/42	98/98	13
										203A00	34.7/40.0	7.5/10.0	51.2/57.9	60/60	028A00	47/53	98/98	13
										204A00	52.0/60.0	11.3/15.0	72.9/82.9	80/90	029A00	67/76	98/98	14
									High	—	—	—/—	26.4/26.4	40/40	—	26/26	98/98	—
										200A00	10.8/12.5	2.3/ 3.0	26.4/26.4	40/40	028A00	26/26	98/98	13
										201A00	17.3/20.0	3.8/ 5.0	29.5/32.9	40/40	028A00	27/30	98/98	13
										202A00	26.0/30.0	5.6/ 7.5	40.4/45.4	45/50	028A00	37/42	98/98	13
										203A00	34.7/40.0	7.5/10.0	51.2/57.9	60/60	028A00	47/53	98/98	13
										204A00	52.0/60.0	11.3/15.0	72.9/82.9	80/90	029A00	67/76	98/98	14
	208/230-3-60	187	253	11.5	77	0.9	4.9	—	Low	—	—	—/—	20.2/20.2	30/30	—	20/20	90/90	—
										207A00	6.3/ 7.2	2.3/ 3.0	20.2/20.2	30/30	030A00	20/20	90/90	15
										208A00	10.0/11.5	3.8/ 5.0	20.2/20.6	30/30	030A00	20/20	90/90	15
										209A00	15.0/17.3	5.6/ 7.5	24.9/27.8	30/30	030A00	23/26	90/90	15
										210A00	20.0/23.1	7.5/10.0	31.1/35.0	35/40	030A00	29/32	90/90	15
										211A00	30.0/34.6	11.3/15.0	43.6/49.4	45/50	030A00	40/45	90/90	15
									High	—	—	—/—	20.2/20.2	30/30	—	20/20	90/90	—
										207A00	6.3/ 7.2	2.3/ 3.0	20.2/20.2	30/30	030A00	20/20	90/90	15
										208A00	10.0/11.5	3.8/ 5.0	20.2/20.6	30/30	030A00	20/20	90/90	15
										209A00	15.0/17.3	5.6/ 7.5	24.9/27.8	30/30	030A00	23/26	90/90	15
										210A00	20.0/23.1	7.5/10.0	31.1/35.0	35/40	030A00	29/32	90/90	15
										211A00	30.0/34.6	11.3/15.0	43.6/49.4	45/50	030A00	40/45	90/90	15

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS—PH—HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CPHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
04 (cont)	208/230-3-60 (cont)	187	253	11.5	77	0.9	4.9	1.4	Low	—	—	—/—	21.6/21.6	30/30	—	22/22	92/92	—
										207A00	6.3/ 7.2	2.3/ 3.0	21.6/21.6	30/30	030A00	22/22	92/92	15
										208A00	10.0/11.5	3.8/ 5.0	21.6/22.3	30/30	030A00	22/22	92/92	15
										209A00	15.0/17.3	5.6/ 7.5	26.6/29.5	30/30	030A00	25/27	92/92	15
										210A00	20.0/23.1	7.5/10.0	32.9/36.7	35/40	030A00	30/34	92/92	15
										211A00	30.0/34.6	11.3/15.0	45.4/51.2	50/60	030A00	42/47	92/92	15
									High	—	—	—/—	21.6/21.6	30/30	—	22/22	92/92	—
										207A00	6.3/ 7.2	2.3/ 3.0	21.6/21.6	30/30	030A00	22/22	92/92	15
										208A00	10.0/11.5	3.8/ 5.0	21.6/22.3	30/30	030A00	22/22	92/92	15
										209A00	15.0/17.3	5.6/ 7.5	26.6/29.5	30/30	030A00	25/27	92/92	15
										210A00	20.0/23.1	7.5/10.0	32.9/36.7	35/40	030A00	30/34	92/92	15
										211A00	30.0/34.6	11.3/15.0	45.4/51.2	50/60	030A00	42/47	92/92	15
	460-3-60	414	506	5.1	35	0.5	2.1	—	Low	—	—	—	9.0	15	—	9	42	—
										214A00	3.5	3.0	9.0	15	030A00	9	42	15
										215A00	5.8	5.0	9.8	15	030A00	9	42	15
										216A00	8.7	7.5	13.5	15	030A00	12	42	15
										217A00	11.5	10.0	17.1	20	030A00	16	42	15
										218A00	17.3	15.0	24.3	25	030A00	22	42	15
									High	—	—	—	9.0	15	—	9	42	—
										214A00	3.5	3.0	9.0	15	030A00	9	42	15
										215A00	5.8	5.0	9.8	15	030A00	9	42	15
										216A00	87	7.5	13.5	15	030A00	12	42	15
										217A00	11.5	10.0	17.1	20	030A00	16	42	15
										218A00	17.3	15.0	24.3	25	030A00	22	42	15
								0.6	Low	—	—	—	9.6	15	—	10	43	—
										214A00	3.5	3.0	9.6	15	030A00	10	43	15
										215A00	5.8	5.0	10.6	15	030A00	10	43	15
										216A00	8.7	7.5	14.2	15	030A00	13	43	15
										217A00	11.5	10.0	17.8	20	030A00	16	43	15
										218A00	17.3	15.0	25.0	30	030A00	23	43	15
									High	—	—	—	9.6	15	—	10	43	—
										214A00	3.5	3.0	9.6	15	030A00	10	43	15
										215A00	5.8	5.0	10.6	15	030A00	10	43	15
										216A00	8.7	7.5	14.2	15	030A00	13	43	15
										217A00	11.5	10.0	17.8	20	030A00	16	43	15
										218A00	17.3	15.0	25.0	30	030A00	23	43	15
	575-3-60	518	632	4.3	31.0	0.4	2.2	—	Low	—	—	—	8.0	15	—	8	37	—
										221A00	9.2	10.0	14.1	15	030A00	13	37	15
										222A00	13.9	15.0	20.0	25	030A00	18	37	15
									High	—	—	—	8.0	15	—	8	37	—
										221A00	9.2	10.0	14.1	15	030A00	13	37	15
										222A00	13.9	15.0	20.0	25	030A00	18	37	15
								1.4	Low	—	—	—	9.4	15	—	10	39	—
										221A00	9.2	10.0	15.9	20	030A00	15	39	15
										222A00	13.9	15.0	21.8	25	030A00	20	39	15
									High	—	—	—	9.4	15	—	10	39	—
										221A00	9.2	10.0	15.9	20	030A00	15	39	15
										222A00	13.9	15.0	21.8	25	030A00	20	39	15
05	208/230-1-60	187	253	20.5	109	0.9	4.9	—	Low	—	—	—/—	31.4/ 31.4	50/ 50	—	30/30	122/122	—
										201A00	17.3/20.0	3.8/ 5.0	31.4/ 31.4	50/ 50	028A00	30/30	122/122	13
										202A00	26.0/30.0	5.6/ 7.5	38.6/ 43.6	50/ 50	028A00	36/40	122/122	13
										203A00	34.7/40.0	7.5/10.0	49.5/ 56.1	50/ 60	028A00	45/52	122/122	13
										204A00	52.0/60.0	11.3/15.0	71.1/ 81.1	80/ 90	029A00	65/76	122/122	14
										205A00	69.3/80.0	15.0/20.0	92.8/106.1	100/110	029A00	85/98	122/122	14
							7.0		High	—	—	—/—	33.5/ 33.5	50/ 50	—	33/ 33	148/148	—
										201A00	17.3/20.0	3.8/ 5.0	33.5/ 33.8	50/ 50	028A00	33/ 33	148/148	13
										202A00	26.0/30.0	5.6/ 7.5	41.2/ 46.3	50/ 50	028A00	38/ 43	148/148	13
										203A00	34.7/40.0	7.5/10.0	52.1/ 58.8	60/ 60	028A00	48/ 54	148/148	13
										204A00	52.0/60.0	11.3/15.0	73.7/ 83.8	80/ 90	029A00	68/ 77	148/148	14
										205A00	69.3/80.0	15.0/20.0	95.4/108.8	100/110	029A00	88/100	148/148	14
							4.9	1.4	Low	—	—	—/—	32.8/ 32.8	50/ 50	—	32/32	124/124	—
										201A00	17.3/20.0	3.8/ 5.0	32.8/ 32.9	50/ 50	028A00	32/32	124/124	13
										202A00	26.0/30.0	5.6/ 7.5	40.4/ 45.4	50/ 50	028A00	37/42	124/124	13
										203A00	34.7/40.0	7.5/10.0	51.2/ 57.9	60/ 60	028A00	47/53	124/124	13
										204A00	52.0/60.0	11.3/15.0	72.9/ 82.9	80/ 90	029A00	67/76	124/124	14
										205A00	69.3/80.0	15.0/20.0	94.5/107.9	100/110	029A00	87/99	124/124	14
							7.0		High	—	—	—/—	34.9/ 34.9	50/ 50	—	34/ 34	150/150	—
										201A00	17.3/20.0	3.8/ 5.0	34.9/ 35.5	50/ 50	028A00	34/ 34	150/150	13
										202A00	26.0/30.0	5.6/ 7.5	43.0/ 48.0	50/ 50	028A00	40/ 44	150/150	13
										203A00	34.7/40.0	7.5/10.0	53.8/ 60.5	60/ 70	028A00	50/ 56	150/150	13
										204A00	52.0/60.0	11.3/15.0	75.5/ 85.5	80/ 90	029A00	69/ 79	150/150	14
										205A00	69.3/80.0	15.0/20.0	97.2/110.5	100/125	029A00	89/102	150/150	14
	208/230-3-60	187	253	14.6	91	0.9	4.9	—	Low	—	—	—/—	24.0/24.0	30/30	—	23/23	104/104	—
										208A00	10.0/11.5	3.8/ 5.0	24.0/24.0	30/30	030A00	23/23	104/104	15
										209A00	15.0/17.3	5.6/ 7.5	24.9/27.8	30/30	030A00	23/26	104/104	15
										210A00	20.0/23.1	7.5/10.0	31.1/35.0	35/40	030A00	29/32	104/104	15
										211A00	30.0/34.6	11.3/15.0	43.6/49.4	45/50	030A00	40/45	104/104	15
										212A00	40.0/46.2	15.0/20.0	56.2/63.9	60/70	031A00	52/59	104/104	16
							5.2		High	—	—	—/—	24.3/24.3	30/30	—	24/24	123/123	—
										208A00	10.0/11.5	3.8/ 5.0	24.3/24.3	30/30	030A00	24/24	123/123	15
										209A00	15.0/17.3	5.6/ 7.5	25.3/28.2	30/30	030A00	24/26	123/123	15
										210A00	20.0/23.1	7.5/10.0	31.5/35.4	35/40	030A00	29/33	123/123	15
										211A00	30.0/34.6	11.3/15.0	44.0/49.8	45/50	030A00	41/46	123/123	15
										212A00	40.0/46.2	15.0/20.0	56.5/64.2	60/70	031A00	52/59	123/123	16

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS—PH—HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
05 (cont)	208/230-3-60 (cont)	187	253	14.6	91	0.9	4.9	1.4	Low	—	—	—/—	25.4/25.4	30/30	—	25/25	106/106	—
										208A00	10.0/11.5	3.8/ 5.0	25.4/25.4	30/30	030A00	25/25	106/106	15
										209A00	15.0/17.3	5.6/ 7.5	26.6/29.5	30/30	030A00	25/27	106/106	15
										210A00	20.0/23.1	7.5/10.0	32.9/36.7	40/40	030A00	30/34	106/106	15
										211A00	30.0/34.6	11.3/15.0	45.4/51.2	50/60	030A00	42/47	106/106	15
										212A00	40.0/46.2	15.0/20.0	57.9/65.6	60/70	031A00	53/60	106/106	16
							5.2		High	—	—	—/—	25.7/25.7	30/30	—	25/25	125/125	—
										208A00	10.0/11.5	3.8/ 5.0	25.7/25.7	30/30	030A00	25/25	125/125	15
										209A00	15.0/17.3	5.6/ 7.5	27.0/29.9	30/30	030A00	25/28	125/125	15
										210A00	20.0/23.1	7.5/10.0	33.3/37.1	40/40	030A00	31/34	125/125	15
										211A00	30.0/34.6	11.3/15.0	45.8/51.6	50/60	030A00	42/47	125/125	15
										212A00	40.0/46.2	15.0/20.0	58.3/66.0	60/70	031A00	54/61	125/125	16
	460-3-60	414	506	7.1	46	0.5	2.1	—	Low	—	—	—	11.4	15	—	11	53	—
										215A00	5.8	5.0	11.4	15	030A00	11	53	15
										216A00	8.7	7.5	13.5	15	030A00	12	53	15
										217A00	11.5	10.0	17.1	20	030A00	16	53	15
										218A00	17.3	15.0	24.3	25	030A00	22	53	15
										219A00	23.1	20.0	31.5	35	030A00	29	53	15
							2.6		High	—	—	—	11.9	15	—	12	62	—
										215A00	5.8	5.0	11.9	15	030A00	12	62	15
										216A00	8.7	7.5	14.1	15	030A00	13	62	15
										217A00	11.5	10.0	17.7	20	030A00	16	62	15
										218A00	17.3	15.0	24.9	25	030A00	23	62	15
										219A00	23.1	20.0	32.1	35	030A00	30	62	15
							2.1	0.6	Low	—	—	—	12.0	15	—	12	54	—
										215A00	5.8	5.0	12.0	15	030A00	12	54	15
										216A00	8.7	7.5	14.2	15	030A00	13	54	15
										217A00	11.5	10.0	17.8	20	030A00	16	54	15
										218A00	17.3	15.0	25.0	30	030A00	23	54	15
										219A00	23.1	20.0	32.2	35	030A00	30	54	15
							2.6		High	—	—	—	12.5	15	—	12	63	—
										215A00	5.8	5.0	12.5	15	030A00	12	63	15
										216A00	8.7	7.5	14.8	15	030A00	14	63	15
										217A00	11.5	10.0	18.4	20	030A00	17	63	15
										218A00	17.3	15.0	25.7	30	030A00	24	63	15
										219A00	23.1	20.0	32.9	35	030A00	30	63	15
	575-3-60	518	632	5.0	34.0	0.4	2.0	—	Low	—	—	—	9.0	15	—	9	40	—
										221A00	9.2	10.0	14.1	15	030A00	13	40	15
										222A00	13.9	15.0	20.0	25	030A00	18	40	15
										223A00	18.5	20.0	25.8	30	030A00	24	40	15
									High	—	—	—	8.9	15	—	9	46	—
										221A00	9.2	10.0	14.0	15	030A00	13	46	15
										222A00	13.9	15.0	19.9	20	030A00	18	46	15
										223A00	18.5	20.0	25.6	30	030A00	24	46	15
								1.4	Low	—	—	—	10.4	15	—	10	42	—
										221A00	9.2	10.0	15.9	20	030A00	15	42	15
										222A00	13.9	15.0	21.8	25	030A00	20	42	15
										223A00	18.5	20.0	27.5	30	030A00	25	42	15
									High	—	—	—	10.3	15	—	10	48	—
										221A00	9.2	10.0	15.8	20	030A00	14	48	15
										222A00	13.9	15.0	21.6	25	030A00	20	48	15
										223A00	18.5	20.0	27.4	30	030A00	25	48	15

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

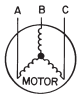
† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60



AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM	IFM	POWER EXHAUST FLA	IFM	ELECTRIC HEAT			POWER SUPPLY		PRSINGLE PART N0. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	FLA	FLA		TYPE	CPHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
06	208/230-1-60	187	253	26.9	145	1.5	4.9	—	Low	—	—	—/—	40.1/ 40.1	60/ 60	—	38 /38	159/159	—
										201A00	17.3/ 20.0	3.8/ 5.0	40.1/ 40.1	60/ 60	028A00	38/ 38	159/159	13
										202A00	26.0/ 30.0	5.6/ 7.5	40.1/ 43.6	60/ 60	028A00	38/ 40	159/159	13
										203A00	34.7/ 40.0	7.5/10.0	49.5/ 56.1	50/ 60	028A00	45/ 52	159/159	13
										204A00	52.0/ 60.0	11.3/15.0	71.1/ 81.1	80/ 90	029A00	65/ 75	159/159	14
										205A00	69.3/ 80.0	15.0/20.0	92.8/106.1	100/110	029A00	85/ 98	159/159	14
										206A00	86.7/100.0	18.8/25.0	114.4/131.1	125/150	029A00	105/121	159/159	14
							7.0		High	—	—	—/—	42.2/ 42.2	60/ 60	—	41/ 41	185/185	—
										201A00	17.3/ 20.0	3.8/ 5.0	42.2/ 42.2	60/ 60	028A00	41/ 41	185/185	13
										202A00	26.0/ 30.0	5.6/ 7.5	42.2/ 46.3	60/ 60	028A00	41/ 43	185/185	13
										203A00	34.7/ 40.0	7.5/10.0	52.1/ 58.8	60/ 60	028A00	48/ 54	185/185	13
										204A00	52.0/ 60.0	11.3/15.0	73.7/ 83.8	80/ 90	029A00	68/ 77	185/185	14
										205A00	69.3/ 80.0	15.0/20.0	95.4/108.8	100/110	029A00	88/100	185/185	14
										206A00	86.7/100.0	18.8/25.0	117.1/133.8	125/150	029A00	108/123	185/185	14
							4.9	1.4	Low	—	—	—/—	41.5/ 41.5	60/ 60	—	40/ 40	161/161	—
										201A00	17.3/ 20.0	3.8/ 5.0	41.5/ 41.5	60/ 60	028A00	40/ 40	161/161	13
										202A00	26.0/ 30.0	5.6/ 7.5	41.5/ 45.4	60/ 60	028A00	40/ 42	161/161	13
										203A00	34.7/ 40.0	7.5/10.0	51.2/ 57.9	60/ 60	028A00	47/ 53	161/161	13
										204A00	52.0/ 60.0	11.3/15.0	72.9/ 82.9	80/ 90	029A00	67/ 76	161/161	14
										205A00	69.3/ 80.0	15.0/20.0	94.5/107.9	100/110	029A00	89/ 99	161/161	14
										206A00	86.7/100.0	18.8/25.0	116.2/132.9	125/150	029A00	107/122	161/161	14
							7.0		High	—	—	—/—	43.6/ 43.6	60/ 60	—	42/ 42	187/187	—
										201A00	17.3/ 20.0	3.8/ 5.0	43.6/ 43.6	60/ 60	028A00	42/ 42	187/187	13
										202A00	26.0/ 30.0	5.6/ 7.5	43.6/ 48.0	60/ 60	028A00	42/ 44	187/187	13
										203A00	34.7/ 40.0	7.5/10.0	53.8/ 60.5	60/ 70	028A00	50/ 56	187/187	13
										204A00	52.0/ 60.0	11.3/15.0	75.5/ 85.5	80/ 90	029A00	69/ 79	187/187	14
										205A00	69.3/ 80.0	15.0/20.0	97.2/110.5	100/125	029A00	89/102	187/187	14
										206A00	86.7/100.0	18.8/25.0	118.8/135.5	125/150	029A00	109/125	187/187	14
	208/230-3-60	187	253	17.6	123	1.5	5.2	—	Low	—	—	—/—	28.7/28.7	45/45	—	28/28	156/156	—
										208A00	10.0/11.5	3.8/ 5.0	28.7/28.7	45/45	030A00	28/28	156/156	15
										209A00	15.0/17.3	5.6/ 7.5	28.7/28.7	45/45	030A00	28/28	156/156	15
										210A00	20.0/23.1	7.5/10.0	31.5/35.4	45/45	030A00	29/33	156/156	15
										211A00	30.0/34.6	11.3/15.0	44.0/49.8	45/50	030A00	41/46	156/156	15
										212A00	40.0/46.2	15.0/20.0	56.5/64.2	60/70	031A00	52/59	156/156	16
										213A00	50.0/57.7	18.8/25.0	69.0/78.7	70/80	031A00	64/72	156/156	16
									High	—	—	—/—	28.7/28.7	45/45	—	28/28	156/156	—
										208A00	10.0/11.5	3.8/ 5.0	28.7/28.7	45/45	030A00	28/28	156/156	15
										209A00	15.0/17.3	5.6/ 7.5	28.7/28.7	45/45	030A00	28/28	156/156	15
										210A00	20.0/23.1	7.5/10.0	31.5/35.4	45/45	030A00	29/33	156/156	15
										211A00	30.0/34.6	11.3/15.0	44.0/49.8	45/50	030A00	41/46	156/156	15
										212A00	40.0/46.2	15.0/20.0	56.5/64.2	60/70	031A00	52/59	156/156	16
										213A00	50.0/57.7	18.8/25.0	69.0/78.7	70/80	031A00	64/72	156/156	16
								1.4	Low	—	—	—/—	30.1/30.1	45/45	—	30/30	158/158	—
										208A00	10.0/11.5	3.8/ 5.0	30.1/30.1	45/45	030A00	30/30	158/158	15
										209A00	15.0/17.3	5.6/ 7.5	30.1/30.1	45/45	030A00	30/30	158/158	15
										210A00	20.0/23.1	7.5/10.0	33.3/37.1	45/45	030A00	31/34	158/158	15
										211A00	30.0/34.6	11.3/15.0	45.8/51.6	50/60	030A00	42/47	158/158	15
										212A00	40.0/46.2	15.0/20.0	58.3/66.0	60/70	031A00	54/61	158/158	16
										213A00	50.0/57.7	18.8/25.0	70.8/80.4	80/90	031A00	65/74	158/158	16
									High	—	—	—/—	30.1/30.1	45/45	—	30/30	158/158	—
										208A00	10.0/11.5	3.8/ 5.0	30.1/30.1	45/45	030A00	30/30	158/158	15
										209A00	15.0/17.3	5.6/ 7.5	30.1/30.1	45/45	030A00	30/30	158/158	15
										210A00	20.0/23.1	7.5/10.0	33.3/37.1	45/45	030A00	31/34	158/158	15
										211A00	30.0/34.6	11.3/15.0	45.8/51.6	50/60	030A00	42/47	158/158	15
										212A00	40.0/46.2	15.0/20.0	58.3/66.0	60/70	031A00	54/61	158/158	16
										213A00	50.0/57.7	18.8/25.0	70.8/80.4	80/90	031A00	65/74	158/158	16
	460-3-60	414	506	7.7	50	0.8	2.6	—	Low	—	—	—	13.0	20	—	13	67	—
										215A00	5.8	5.0	13.0	20	030A00	13	67	15
										216A00	8.7	7.5	14.1	20	030A00	13	67	15
										217A00	11.5	10.0	17.7	20	030A00	16	67	15
										218A00	17.3	15.0	24.9	25	030A00	23	67	15
										219A00	23.1	20.0	32.1	35	030A00	30	67	15
										220A00	28.9	25.0	39.3	40	030A00	36	67	15
									High	—	—	—	13.0	20	—	13	67	—
										215A00	5.8	5.0	13.0	20	030A00	13	67	15
										216A00	8.7	7.5	14.1	20	030A00	13	67	15
										217A00	11.5	10.0	17.7	20	030A00	16	67	15
										218A00	17.3	15.0	24.9	25	030A00	23	67	15
										219A00	23.1	20.0	32.1	35	030A00	30	67	15
										220A00	28.9	25.0	39.3	40	030A00	36	67	15
								0.6	Low	—	—	—	13.6	20	—	13	68	—
										215A00	5.8	5.0	13.6	20	030A00	13	68	15
										216A00	8.7	7.5	14.8	20	030A00	14	68	15
										217A00	11.5	10.0	18.4	20	030A00	17	68	15
										218A00	17.3	15.0	25.7	30	030A00	24	68	15
										219A00	23.1	20.0	32.9	35	030A00	30	68	15
										220A00	28.9	25.0	40.1	45	030A00	37	68	15
									High	—	—	—	13.6	20	—	13	68	—
										215A00	5.8	5.0	13.6	20	030A00	13	68	15
										216A00	8.7	7.5	14.8	20	030A00	14	68	15
										217A00	11.5	10.0	18.4	20	030A00	17	68	15
										218A00	17.3	15.0	25.7	30	030A00	24	68	15
										219A00	23.1	20.0	32.9	35	030A00	30	68	15
										220A00	28.9	25.0	40.1	45	030A00	37	68	15

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM	IFM	POWER EXHAUST	IFM	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	FLA	FLA	FLA	TYPE	CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
06 (cont)	575-3-60	518	632	6.1	40	0.8	2.0	—	Low and High	—	—	—	10.4	15	—	10	53	—
										221A00	9.2	10.0	14.0	15	030A00	13	53	15
										222A00	13.9	15.0	20.1	20	030A00	18	53	15
										223A00	18.5	20.0	25.6	30	030A00	24	53	15
										254A00	23.1	25.0	31.4	30	030A00	29	53	15
								1.4	Low and High	—	—	—	11.7	15	—	12	54	—
										221A00	9.2	10.0	15.8	20	030A00	15	54	15
										222A00	13.9	15.0	21.6	25	030A00	20	54	15
										223A00	18.5	20.0	27.3	30	030A00	25	54	15
										254A00	23.1	25.0	33.1	30	030A00	30	54	15
07	208/230-3-60	187	253	20.5	149	1.5	5.2	—	Low	—	—	—/—	32.3/32.3	50/50	—	31/31	182/182	—
										208A00	10.0/11.5	3.8/ 5.0	32.3/32.3	50/50	030A00	31/31	182/182	15
										209A00	15.0/17.3	5.6/ 7.5	32.3/32.3	50/50	030A00	31/31	182/182	15
										210A00	20.0/23.1	7.5/10.0	32.3/35.4	50/50	030A00	31/33	182/182	15
										211A00	30.0/34.6	11.3/15.0	44.0/49.8	50/50	030A00	41/46	182/182	15
										212A00	40.0/46.2	15.0/20.0	56.5/64.2	60/70	031A00	52/59	182/182	16
										213A00	50.0/57.7	18.8/25.0	69.0/78.7	70/80	031A00	64/72	182/182	16
							7.5	—	High	—	—	—/—	34.6/34.6	50/50	—	34/34	208/208	—
										208A00	10.0/11.5	3.8/ 5.0	34.6/34.6	50/50	030A00	34/34	208/208	15
										209A00	15.0/17.3	5.6/ 7.5	34.6/34.6	50/50	030A00	34/34	208/208	15
										210A00	20.0/23.1	7.5/10.0	34.6/38.2	50/50	030A00	34/35	208/208	15
										211A00	30.0/34.6	11.3/15.0	46.9/52.7	50/60	030A00	43/48	208/208	15
										212A00	40.0/46.2	15.0/20.0	59.4/67.1	60/70	031A00	55/62	208/208	16
										213A00	50.0/57.7	18.8/25.0	71.9/81.5	80/90	031A00	66/75	208/208	16
							5.2	1.4	Low	—	—	—/—	33.7/33.7	50/50	—	33/33	184/184	—
										208A00	10.0/11.5	3.8/ 5.0	33.7/33.7	50/50	030A00	33/33	184/184	15
										209A00	15.0/17.3	5.6/ 7.5	33.7/33.7	50/50	030A00	33/33	184/184	15
										210A00	20.0/23.1	7.5/10.0	33.7/33.1	50/50	030A00	33/34	184/184	15
										211A00	30.0/34.6	11.3/15.0	45.8/51.5	50/60	030A00	42/47	184/184	15
										212A00	40.0/46.2	15.0/20.0	58.3/66.0	60/70	031A00	54/61	184/184	16
										213A00	50.0/57.7	18.8/25.0	70.8/80.4	80/90	031A00	65/74	184/184	16
							7.5		High	—	—	—/—	36/36	50/50	—	36/36	210/210	—
										208A00	10.0/11.5	3.8/ 5.0	36.0/36.0	50/50	030A00	36/36	210/210	15
										209A00	15.0/17.3	5.6/ 7.5	36.0/36.0	50/50	030A00	36/36	210/210	15
										210A00	20.0/23.1	7.5/10.0	36.1/40.0	50/50	030A00	36/37	210/210	15
										211A00	30.0/34.6	11.3/15.0	48.6/54.4	50/60	030A00	45/50	210/210	15
										212A00	40.0/46.2	15.0/20.0	61.1/68.9	70/70	031A00	56/63	210/210	16
										213A00	50.0/57.7	18.8/25.0	73.6/83.3	80/90	031A00	68/77	210/210	16
	460-3-60	414	506	9.6	75	0.8	2.6	—	Low	—	—	—	15.4	25	—	15	92	—
										215A00	5.8	5.0	15.4	25	030A00	15	92	15
										216A00	8.7	7.5	15.4	25	030A00	15	92	15
										217A00	11.5	10.0	17.7	25	030A00	16	92	15
										218A00	17.3	15.0	24.9	25	030A00	23	92	15
										219A00	23.1	20.0	32.1	35	030A00	30	92	15
										220A00	28.9	25.0	39.3	40	030A00	36	92	15
							3.4		High	—	—	—	16.2	25	—	16	105	—
										215A00	5.8	5.0	16.2	25	030A00	16	105	15
										216A00	8.7	7.5	16.2	25	030A00	16	105	15
										217A00	11.5	10.0	18.7	25	030A00	17	105	15
										218A00	17.3	15.0	25.9	30	030A00	24	105	15
										219A00	23.1	20.0	33.1	35	030A00	30	105	15
										220A00	28.9	25.0	40.3	45	030A00	37	105	15
							2.6	0.6	Low	—	—	—	16.0	25	—	16	93	—
										215A00	5.8	5.0	16.0	25	030A00	16	93	15
										216A00	8.7	7.5	16.0	25	030A00	16	93	15
										217A00	11.5	10.0	18.4	25	030A00	17	93	15
										218A00	17.3	15.0	25.7	30	030A00	24	93	15
										219A00	23.1	20.0	32.9	35	030A00	30	93	15
										220A00	28.9	25.0	40.1	45	030A00	37	93	15
							3.4		High	—	—	—	16.8	25	—	17	106	—
										215A00	5.8	5.0	16.8	25	030A00	17	106	15
										216A00	8.7	7.5	16.8	25	030A00	17	106	15
										217A00	11.5	10.0	19.4	25	030A00	18	106	15
										218A00	17.3	15.0	26.7	30	030A00	25	106	15
										219A00	23.1	20.0	33.9	35	030A00	31	106	15
										220A00	28.9	25.0	41.1	45	030A00	38	106	15

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA.)		OFM FLA	IFMF LA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
07 (cont)	575-3-60	518	632	7.6	54.0	0.8	2.0	—	Low	—	—	—	12.3	15	—	12	67	—
										221A00	9.2	10.0	14.0	15	030A00	13	67	15
										222A00	13.9	15.0	20.1	20	030A00	18	67	15
										223A00	18.5	20.0	25.6	30	030A00	24	67	15
										254A00	23.1	25.0	31.4	30	030A00	29	67	15
										224A00	27.7	30.0	37.1	40	030A00	34	67	15
							2.8		High	—	—	—	13.1	20	—	13	76	—
										221A00	9.2	10.0	15.0	20	030A00	14	76	15
										222A00	13.9	15.0	20.8	25	030A00	19	76	15
										223A00	18.5	20.0	26.6	30	030A00	24	76	15
										254A00	23.1	25.0	32.4	30	030A00	30	76	15
										224A00	27.7	30.0	38.1	40	030A00	35	76	15
							2.0	1.4	Low	—	—	—	13.6	20	—	13	68	—
										221A00	9.2	10.0	15.8	20	030A00	15	68	15
										222A00	13.9	15.0	21.6	25	030A00	20	68	15
										223A00	18.5	20.0	27.3	30	030A00	25	68	15
										254A00	23.1	25.0	33.1	30	030A00	30	68	15
										224A00	27.7	30.0	38.9	40	030A00	36	68	15
							2.9		High	—	—	—	14.4	20	—	14	80	—
										221A00	9.2	10.0	16.8	20	030A00	15	80	15
										222A00	13.9	15.0	22.6	25	030A00	21	80	15
										223A00	18.5	20.0	28.3	30	030A00	26	80	15
										254A00	23.1	25.0	34.1	35	030A00	31	80	15
										224A00	27.7	30.0	39.9	40	030A00	37	80	15
08	208/230-3-60	187	253	13.5	88	1.5	5.2	—	Low	—	—	—/—	38.5/ 38.5	50/ 50	—	40/ 40	212/212	—
										225A00	20.0/23.1	7.5/10.0	38.5/ 38.5	50/ 50	030A00	40/ 40	212/212	15
										226A00	30.0/34.6	11.3/15.0	44.0/ 49.8	50/ 50	030A00	41/ 46	212/212	15
										227A00	50.0/57.7	18.8/25.0	69.0/ 78.7	70/ 80	031A00	64/ 72	212/212	16
										228A00	70.0/80.8	26.3/35.0	94.1/107.5	100/110	031A00	87/ 99	212/212	17
										229A00	80.0/92.4	30.0/40.0	106.6/122.0	110/125	031A00	98/112	212/212	17
							7.5		High	—	—	—/—	40.8/ 40.8	50/ 50	—	43/ 43	238/238	—
										225A00	20.0/23.1	7.5/10.0	40.8/ 40.8	50/ 50	030A00	43/ 43	238/238	15
										226A00	30.0/34.6	11.3/15.0	46.9/ 52.7	50/ 60	030A00	43/ 48	238/238	15
										227A00	50.0/57.7	18.8/25.0	71.9/ 81.5	80/ 90	031A00	66/ 75	238/238	16
										228A00	70.0/80.8	26.3/35.0	96.9/110.4	100/125	031A00	89/102	238/238	17
										229A00	80.0/92.4	30.0/40.0	109.4/124.8	110/125	031A00	101/115	238/238	17
							5.2	3.0	Low	—	—	—/—	41.5/ 41.5	50/ 50	—	44/ 44	216/216	—
										225A00	20.0/23.1	7.5/10.0	41.5/ 41.5	50/ 50	030A00	44/ 44	216/216	15
										226A00	30.0/34.6	11.3/15.0	47.8/ 53.6	50/ 60	030A00	44/ 49	216/216	15
										227A00	50.0/57.7	18.8/25.0	72.8/ 82.4	80/ 90	031A00	67/ 76	216/216	16
										228A00	70.0/80.8	26.3/35.0	97.8/111.3	100/125	031A00	90/102	216/216	17
										229A00	80.0/92.4	30.0/40.0	110.3/125.7	125/150	031A00	101/116	216/216	17
							7.5		High	—	—	—/—	43.8/ 43.8	50/ 50	—	46/ 46	242/242	—
										225A00	20.0/23.1	7.5/10.0	43.8/ 43.8	50/ 50	030A00	46/ 46	242/242	15
										226A00	30.0/34.6	11.3/15.0	50.6/ 56.4	60/ 60	030A00	47/ 52	242/242	15
										227A00	50.0/57.7	18.8/25.0	75.7/ 85.3	80/ 90	031A00	70/ 78	242/242	16
										228A00	70.0/80.8	26.3/35.0	100.7/114.2	110/125	031A00	93/105	242/242	17
										229A00	80.0/92.4	30.0/40.0	113.2/128.6	125/150	031A00	104/118	242/242	17
	460-3-60	414	506	6.4	39	0.8	2.6	—	Low	—	—	—	18.6	25	—	20	96	—
										232A00	11.5	10.0	18.6	25	030A00	20	96	15
										233A00	17.3	15.0	24.9	25	030A00	23	96	15
										234A00	28.9	25.0	39.3	40	030A00	36	96	15
										235A00	40.4	35.0	53.8	60	030A00	49	96	15
										236A00	46.2	40.0	61.0	70	033A00	56	96	19
							3.4		High	—	—	—	19.4	25	—	20	109	—
										232A00	11.5	10.0	19.4	25	030A00	20	109	15
										233A00	17.3	15.0	25.9	30	030A00	24	109	15
										234A00	28.9	25.0	40.3	45	030A00	37	109	15
										235A00	40.4	35.0	54.8	60	030A00	50	109	15
										236A00	46.2	40.0	62.0	70	033A00	57	109	19
							2.6	1.2	Low	—	—	—	19.8	25	—	21	99	—
										232A00	11.5	10.0	19.8	25	030A00	21	99	15
										233A00	17.3	15.0	26.4	30	030A00	24	99	15
										234A00	28.9	25.0	40.8	45	030A00	38	99	15
										235A00	40.4	35.0	55.3	60	030A00	51	99	15
										236A00	46.2	40.0	62.5	70	033A00	57	99	19
							3.4		High	—	—	—	20.6	25	—	22	112	—
										232A00	11.5	10.0	20.6	25	030A00	22	112	15
										233A00	17.3	15.0	27.4	30	030A00	25	112	15
										234A00	28.9	25.0	41.8	45	030A00	38	112	15
										235A00	40.4	35.0	56.3	60	030A00	52	112	15
										236A00	46.2	40.0	63.5	70	033A00	58	112	19
	575-3-60	518	632	6.4	30.0	0.8	2.0	—	Low	—	—	—	18.0	20	—	19	84	—
										239A00	13.9	15.0	20.1	20	030A00	19	84	15
										240A00	23.1	25.0	31.4	35	030A00	29	84	15
										241A00	32.3	35.0	42.9	45	030A00	39	84	15
										242A00	37.0	40.0	48.7	50	030A00	45	84	15
									High	—	—	—	18.8	20	—	20	102	—
										239A00	13.9	15.0	20.8	25	030A00	20	102	15
										240A00	23.1	25.0	32.4	35	030A00	30	102	15
										241A00	32.3	35.0	43.9	45	030A00	40	102	15
										242A00	37.0	40.0	49.7	50	030A00	46	102	15

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA.)		OFM	IFM	POWER EXHAUST	IFM	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	FLA	FLA	FLA	TYPE	CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
08 (cont)	575-3-60 (cont)	518	632	6.4	30.0	0.8	2.8	3.0	Low	—	—	—	18.1	20	—	19	86	—
										239A00	13.9	15.0	23.6	25	030A00	22	86	15
										240A00	23.1	25.0	35.1	40	030A00	32	86	15
										241A00	32.3	35.0	46.7	50	030A00	43	86	15
										242A00	37.0	40.0	52.4	60	030A00	48	86	15
									High	—	—	—	18.9	25	—	20	98	—
										239A00	13.9	15.0	24.6	25	030A00	23	98	15
										240A00	23.1	25.0	36.1	40	030A00	33	98	15
										241A00	32.3	35.0	47.7	50	030A00	44	98	15
										242A00	37.0	40.0	53.4	60	030A00	49	98	15
09	208/230-3-60	187	253	16.0	91	1.5	5.2	—	Low	—	—	—/—	44.3/ 44.3	60/ 60	—	46/ 46	218/218	—
										225A00	20.0/23.1	7.5/10.0	44.3/ 44.3	60/ 60	030A00	46/ 46	218/218	15
										226A00	30.0/34.6	11.3/15.0	44.3/ 49.8	60/ 60	030A00	46/ 46	218/218	15
										227A00	50.0/57.7	18.8/25.0	69.0/ 78.7	70/ 80	031A00	64/ 72	218/218	16
										228A00	70.0/80.8	26.3/35.0	94.1/107.5	100/110	031A00	87/ 99	218/218	17
										229A00	80.0/92.4	30.0/40.0	106.6/122.0	110/125	031A00	98/112	218/218	17
									High	—	—	—/—	49.3/ 49.3	60/ 60	—	52/ 52	261/261	—
										225A00	20.0/23.1	7.5/10.0	49.3/ 49.3	60/ 60	030A00	52/ 52	261/261	15
										226A00	30.0/34.6	11.3/15.0	50.3/ 56.1	60/ 60	030A00	52/ 52	261/261	15
										227A00	50.0/57.7	18.8/25.0	75.3/ 84.9	80/ 90	031A00	69/ 78	261/261	16
										228A00	70.0/80.8	26.3/35.0	100.3/113.8	110/125	031A00	92/105	261/261	17
										229A00	80.0/92.4	30.0/40.0	112.8/128.2	125/150	031A00	104/118	261/261	17
								3.0	Low	—	—	—/—	47.3/ 47.3	60/ 60	—	50/ 50	222/222	—
										225A00	20.0/23.1	7.5/10.0	47.3/ 47.3	60/ 60	030A00	50/ 50	222/222	15
										226A00	30.0/34.6	11.3/15.0	47.8/ 53.6	60/ 60	030A00	50/ 50	222/222	15
										227A00	50.0/57.7	18.8/25.0	72.8/ 82.4	80/ 90	031A00	67/ 76	222/222	16
										228A00	70.0/80.8	26.3/35.0	97.8/111.3	100/125	031A00	90/102	222/222	17
										229A00	80.0/92.4	30.0/40.0	110.3/125.7	125/150	031A00	101/116	222/222	17
									High	—	—	—/—	52.3/ 52.3	60/ 60	—	55/ 55	265/265	—
										225A00	20.0/23.1	7.5/10.0	52.3/ 52.3	60/ 60	030A00	55/ 55	265/265	15
										226A00	30.0/34.6	11.3/15.0	54.0/ 59.8	60/ 60	030A00	55/ 55	265/265	15
										227A00	50.0/57.7	18.8/25.0	79.0/ 88.7	80/ 90	031A00	73/ 82	265/265	16
										228A00	70.0/80.8	26.3/35.0	104.1/117.5	110/125	031A00	96/108	265/265	17
										229A00	80.0/92.4	30.0/40.0	116.6/132.0	125/150	031A00	107/121	265/265	17
	460-3-60	414	506	7.1	46	0.8	2.6	—	Low	—	—	—	20.1	25	—	21	110	—
										232A00	11.5	10.0	20.1	25	030A00	21	110	15
										233A00	17.3	15.0	24.9	25	030A00	23	110	15
										234A00	28.9	25.0	39.3	40	030A00	36	110	15
										235A00	40.4	35.0	53.8	60	030A00	49	110	15
										236A00	46.2	40.0	61.0	70	033A00	56	110	19
							4.8		High	—	—	—	22.3	25	—	24	132	—
										232A00	11.5	10.0	22.3	25	030A00	24	132	15
										233A00	17.3	15.0	27.7	30	030A00	25	132	15
										234A00	28.9	25.0	42.1	45	030A00	39	132	15
										235A00	40.4	35.0	56.5	60	030A00	52	132	15
										236A00	46.2	40.0	63.7	70	033A00	59	132	19

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

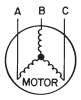
† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60



AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA.)		OFM	IFM	POWER EXHAUST	IFM	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTES)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	FLA	FLA	FLA	TYPE	CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
09 (cont)	460-3-60 (cont)	414	506	7.1	46	0.8	2.6	1.2	Low	—	—	—	21.3	25	—	22	113	—
										232A00	11.5	10.0	21.3	25	030A00	22	113	15
										233A00	17.3	15.0	26.4	30	030A00	24	113	15
										234A00	28.9	25.0	40.8	45	030A00	38	113	15
										235A00	40.4	35.0	55.3	60	030A00	51	113	15
										236A00	46.2	40.0	62.5	70	033A00	57	113	19
							4.8		High	—	—	—	23.5	30	—	25	134	—
										232A00	11.5	10.0	23.5	30	030A00	25	134	15
										233A00	17.3	15.0	29.2	30	030A00	27	134	15
										234A00	28.9	25.0	43.6	45	030A00	40	134	15
										235A00	40.4	35.0	58.0	60	030A00	53	134	15
										236A00	46.2	40.0	65.2	70	033A00	60	134	19
	575-3-60	518	632	5.6	37.0	0.8	2.0	—	Low	—	—	—	16.2	20	—	17	98	—
										239A00	13.9	15.0	20.1	20	030A00	18	98	15
										240A00	23.1	25.0	31.4	35	030A00	29	98	15
										241A00	32.3	35.0	42.9	45	030A00	39	98	15
										242A00	37.0	40.0	48.7	50	030A00	45	98	15
							3.3		High	—	—	—	17.5	20	—	19	136	—
										239A00	13.9	15.0	21.4	25	030A00	20	136	15
										240A00	23.1	25.0	33.0	35	030A00	30	136	15
										241A00	32.3	35.0	45.1	45	030A00	41	136	15
										242A00	37.0	40.0	50.3	50	030A00	46	136	15
							2.0	3.0	Low	—	—	—	19.1	25	—	20	92	—
										239A00	13.9	15.0	23.6	25	030A00	22	92	15
										240A00	23.1	25.0	35.1	40	030A00	32	92	15
										241A00	32.3	35.0	46.7	50	030A00	43	92	15
										242A00	37.0	40.0	52.4	60	030A00	48	92	15
							3.3		High	—	—	—	19.9	25	—	21	104	—
										239A00	13.9	15.0	24.6	25	030A00	23	104	15
										240A00	23.1	25.0	36.1	40	030A00	33	104	15
										241A00	32.3	35.0	47.7	50	030A00	44	104	15
										242A00	37.0	40.0	53.4	60	030A00	49	104	15
12	208/230-3-60	187	253	17.6	123	1.9	7.5	—	Low	—	—	—/—	51.0/ 51.0	60/ 60	—	54/ 54	314/314	—
										225A00	20.0/ 23.1	7.5/10.0	51.0/ 51.0	60/ 60	030A00	54/ 54	314/314	15
										226A00	30.0/ 34.6	11.3/15.0	51.0/ 52.7	60/ 60	030A00	54/ 54	314/314	15
										227A00	50.0/ 57.7	18.8/25.0	71.9/ 81.5	80/ 90	031A00	66/ 75	314/314	16
										228A00	70.0/ 80.8	26.3/35.0	96.9/110.4	100/125	031A00	89/102	314/314	17
										229A00	80.0/ 92.4	30.0/40.0	109.4/124.8	110/125	031A00	101/115	314/314	17
										230A00	100.1/115.5	37.6/50.0	134.5/124.8	150/150	031A00	124/141	314/314	17
							10.2		High	—	—	—/—	53.7/ 53.7	60/ 60	—	57/ 57	331/331	—
										225A00	20.0/ 23.1	7.5/10.0	53.7/ 53.7	60/ 60	030A00	57/ 57	331/331	15
										226A00	30.0/ 34.6	11.3/15.0	53.7/ 56.1	60/ 60	030A00	57/ 57	331/331	15
										227A00	50.0/ 57.7	18.8/25.0	75.3/ 84.9	80/ 90	031A00	69/ 78	331/331	16
										228A00	70.0/ 80.8	26.3/35.0	100.3/113.8	110/125	031A00	92/105	331/331	17
										229A00	80.0/ 92.4	30.0/40.0	112.8/128.2	125/150	031A00	104/118	331/331	17
										230A00	100.1/115.5	37.6/50.0	137.8/128.2	150/150	031A00	127/145	331/331	17
							7.5	3.0	Low	—	—	—/—	54.0/ 54.0	60/ 60	—	57/ 57	318/318	—
										225A00	20.0/ 23.1	7.5/10.0	54.0/ 54.0	60/ 60	030A00	57/ 57	318/318	15
										226A00	30.0/ 34.6	11.3/15.0	54.0/ 56.4	60/ 60	030A00	57/ 57	318/318	15
										227A00	50.0/ 57.7	18.8/25.0	75.7/ 85.3	80/ 90	031A00	70/ 78	318/318	16
										228A00	70.0/ 80.8	26.3/35.0	100.7/114.2	110/125	031A00	93/105	318/318	17
										229A00	80.0/ 92.4	30.0/40.0	113.2/128.6	125/150	031A00	104/118	318/318	17
										230A00	100.1/115.5	37.6/50.0	138.2/128.6	150/150	031A00	127/145	318/318	17
							10.2		High	—	—	—/—	56.7/ 56.7	70/ 70	—	60/ 60	335/335	—
										225A00	20.0/ 23.1	7.5/10.0	56.7/ 56.7	70/ 70	030A00	60/ 60	335/335	15
										226A00	30.0/ 34.6	11.3/15.0	56.7/ 59.8	70/ 70	030A00	60/ 60	335/335	15
										227A00	50.0/ 57.7	18.8/25.0	79.0/ 88.7	80/ 90	031A00	73/ 82	335/335	16
										228A00	70.0/ 80.8	26.3/35.0	104.1/117.5	110/125	031A00	96/108	335/335	17
										229A00	80.0/ 92.4	30.0/40.0	116.6/132.0	125/150	031A00	107/121	335/335	17
										230A00	100.1/115.5	37.6/50.0	141.6/132.0	150/150	031A00	130/148	335/335	17
	460-3-60	414	506	7.7	50	1.0	3.4	—	Low	—	—	—	22.7	30	—	24	130	—
										232A00	11.5	10.0	22.7	30	030A00	24	130	15
										233A00	17.3	15.0	25.9	30	030A00	24	130	15
										234A00	28.9	25.0	40.3	45	030A00	37	130	15
										235A00	40.4	35.0	54.8	60	030A00	50	130	15
										236A00	46.2	40.0	62.0	70	033A00	57	130	19
										237A00	57.7	50.0	62.0	70	033A00	70	130	19
							4.8		High	—	—	—	24.1	30	—	26	139	—
										232A00	11.5	10.0	24.1	30	030A00	26	139	15
										233A00	17.3	15.0	27.7	30	030A00	26	139	15
										234A00	28.9	25.0	42.1	45	030A00	39	139	15
										235A00	40.4	35.0	56.5	60	030A00	52	139	15
										236A00	46.2	40.0	63.7	70	033A00	59	139	19
										237A00	57.7	50.0	63.7	70	033A00	72	139	19
							3.4	1.2	Low	—	—	—	23.9	30	—	25	133	—
										232A00	11.5	10.0	23.9	30	030A00	25	133	15
										233A00	17.3	15.0	27.4	30	030A00	25	133	15
										234A00	28.9	25.0	41.8	45	030A00	38	133	15
										235A00	40.4	35.0	56.3	60	030A00	52	133	15
										236A00	46.2	40.0	63.5	70	033A00	58	133	19
										237A00	57.7	50.0	63.5	70	033A00	72	133	19
							4.8		High	—	—	—	25.3	30	—	27	141	—
										232A00	11.5	10.0	25.3	30	030A00	27	141	15
										233A00	17.3	15.0	29.2	30	030A00	27	141	15
										234A00	28.9	25.0	43.6	45	030A00	40	141	15
										235A00	40.4	35.0	58.0	60	030A00	53	141	15
										236A00	46.2	40.0	65.2	70	033A00	60	141	19
										237A00	57.7	50.0	65.2	70	033A00	73	141	19

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA.)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO.(NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
12 (cont)	575-3-60	518	632	6.1	40.0	0.8	2.8	—	Low	—	—	—	20.1	20	—	21	124	—
										239A00	13.9	15.0	20.8	25	030A00	21	124	15
										240A00	23.1	25.0	32.4	35	030A00	32	124	15
										241A00	32.3	35.0	43.9	45	030A00	42	124	15
										242A00	37.0	40.0	49.7	50	030A00	48	124	15
										243A00	46.2	50.0	49.7	60	030A00	58	124	15
							3.3		High	—	—	—	18.6	20	—	20	142	—
										239A00	13.9	15.0	21.4	25	030A00	20	142	15
										240A00	23.1	25.0	33.0	35	030A00	30	142	15
										241A00	32.3	35.0	45.1	45	030A00	41	142	15
										242A00	37.0	40.0	50.3	50	030A00	46	142	15
										243A00	46.2	50.0	50.3	60	030A00	57	142	15
							2.8	3.0	Low	—	—	—	21.1	25	—	23	110	—
										239A00	13.9	15.0	24.6	25	030A00	23	110	15
										240A00	23.1	25.0	36.1	40	030A00	33	110	15
										241A00	32.3	35.0	47.7	50	030A00	44	110	15
										242A00	37.0	40.0	53.4	60	030A00	49	110	15
										243A00	46.2	50.0	53.4	60	030A00	60	110	15
							3.3		High	—	—	—	21.1	25	—	23	110	—
										239A00	13.9	15.0	24.6	25	030A00	23	110	15
										240A00	23.1	25.0	36.1	40	030A00	33	110	15
										241A00	32.3	35.0	47.7	50	030A00	44	110	15
										242A00	37.0	40.0	53.4	60	030A00	49	110	15
										243A00	46.2	50.0	53.4	60	030A00	60	110	15

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA.)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO.(NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
14	208/230-3-60	187	253	22.4	149	1.9	10.2	—	Low	—	—	—/—	64.5/ 64.5	80/ 80	—	68/ 68	383/383	—
										225A00	20.0/ 23.1	7.5/10.0	64.5/ 64.5	80/ 80	032A00	68/ 68	383/383	18
										226A00	30.0/ 34.6	11.3/15.0	64.5/ 64.5	80/ 80	032A00	68/ 68	383/383	18
										227A00	50.0/ 57.7	18.8/25.0	75.3/ 84.9	80/ 90	032A00	69/ 78	383/383	18
										228A00	70.0/ 80.8	26.3/35.0	100.3/113.8	110/125	032A00	92/105	383/383	18
										230A00	100.1/115.5	37.6/50.0	137.8/128.2	150/150	032A00	127/145	383/383	18
										231A00	120.1/138.6	45.1/60.0	162.8/151.3	175/175	032A00	150/171	383/383	18
							15.0		High	—	—	—/—	69.3/ 69.3	90/ 90	—	73/ 73	391/391	—
										225A00	20.0/ 23.1	7.5/10.0	69.3/ 69.3	90/ 90	032A00	73/ 73	391/391	18
										226A00	30.0/ 34.6	11.3/15.0	69.3/ 69.3	90/ 90	032A00	73/ 73	391/391	18
										227A00	50.0/ 57.7	18.8/25.0	81.3/ 90.9	90/100	032A00	75/ 84	391/391	18
										228A00	70.0/ 80.8	26.3/35.0	106.3/119.8	110/125	032A00	98/110	391/391	18
										230A00	100.1/115.5	37.6/50.0	143.8/134.2	150/150	032A00	132/150	391/391	18
										231A00	120.1/138.6	45.1/60.0	168.8/157.3	175/175	032A00	155/177	391/391	18
							10.2	3.0	Low	—	—	—/—	67.5/ 67.5	80/ 80	—	71/ 71	387/387	—
										225A00	20.0/ 23.1	7.5/10.0	67.5/ 67.5	80/ 80	032A00	71/ 71	387/387	18
										226A00	30.0/ 34.6	11.3/15.0	67.5/ 67.5	80/ 80	032A00	71/ 71	387/387	18
										227A00	50.0/ 57.7	18.8/25.0	79.0/ 88.7	80/ 90	032A00	73/ 82	387/387	18
										228A00	70.0/ 80.8	26.3/35.0	104.1/117.5	110/125	032A00	96/108	387/387	18
										230A00	100.1/115.5	37.6/50.0	141.6/132.0	150/150	032A00	130/148	387/387	18
										231A00	120.1/138.6	45.1/60.0	166.6/155.1	175/175	032A00	153/175	387/387	18
							15.0		High	—	—	—/—	72.3/ 72.3	90/ 90	—	77/ 77	395/395	—
										225A00	20.0/ 23.1	7.5/10.0	72.3/ 72.3	90/ 90	032A00	77/ 77	395/395	18
										226A00	30.0/ 34.6	11.3/15.0	72.3/ 72.3	90/ 90	032A00	77/ 77	395/395	18
										227A00	50.0/ 57.7	18.8/25.0	85.0/ 94.7	90/100	032A00	78/ 87	395/395	18
										228A00	70.0/ 80.8	26.3/35.0	110.1/123.5	125/125	032A00	101/114	395/395	18
										230A00	100.1/115.5	37.6/50.0	147.6/138.0	150/150	032A00	136/153	395/395	18
										231A00	120.1/138.6	45.1/60.0	172.6/161.1	175/175	032A00	159/180	395/395	18
	460-3-60	414	506	10.6	75	1.0	4.8	—	Low	—	—	—	30.6	40	—	32	190	—
										232A00	11.5	10.0	30.6	40	030A00	32	190	15
										233A00	17.3	15.0	30.6	40	030A00	32	190	15
										234A00	28.9	25.0	42.1	45	030A00	39	190	15
										235A00	40.4	35.0	56.5	60	030A00	52	190	15
										237A00	57.7	50.0	63.7	70	033A00	72	190	19
										238A00	69.3	60.0	75.3	90	033A00	85	190	19
							7.4		High	—	—	—	33.2	40	—	35	194	—
										232A00	11.5	10.0	33.2	40	030A00	35	194	15
										233A00	17.3	15.0	33.2	40	030A00	35	194	15
										234A00	28.9	25.0	45.3	50	030A00	42	194	15
										235A00	40.4	35.0	59.8	60	030A00	55	194	15
										237A00	57.7	50.0	67.0	80	033A00	75	194	19
										238A00	69.3	60.0	78.5	90	033A00	88	194	19
							4.8	1.2	Low	—	—	—	31.8	40	—	34	192	—
										232A00	11.5	10.0	31.8	40	030A00	34	192	15
										233A00	17.3	15.0	31.8	40	030A00	34	192	15
										234A00	28.9	25.0	43.6	45	030A00	40	192	15
										235A00	40.4	35.0	58.0	60	030A00	53	192	15
										237A00	57.7	50.0	65.2	70	033A00	73	192	19
										238A00	69.3	60.0	76.8	90	033A00	87	192	19
							7.4		High	—	—	—	34.4	45	—	37	197	—
										232A00	11.5	10.0	34.4	45	030A00	37	197	15
										233A00	17.3	15.0	34.4	45	030A00	37	197	15
										234A00	28.9	25.0	46.8	50	030A00	43	197	15
										235A00	40.4	35.0	61.3	70	033A00	56	197	15
										237A00	57.7	50.0	68.5	80	033A00	76	197	19
										238A00	69.3	60.0	80.0	90	033A00	90	197	19
	575-3-60	518	632	10.6	59.0	0.8	3.3	—	Low	—	—	—	28.7	25	—	30	180	—
										239A00	13.9	15.0	28.7	25	030A00	30	180	15
										240A00	23.1	25.0	33.0	35	030A00	30	180	15
										241A00	32.3	35.0	45.1	45	030A00	41	180	15
										242A00	37.0	40.0	50.3	50	030A00	46	180	15
										243A00	46.2	50.0	50.3	60	030A00	57	180	15
										244A00	55.4	60.0	59.6	60	030A00	68	180	15
							5.6		High	—	—	—	31.0	30	—	33	191	—
										239A00	13.9	15.0	31.0	30	030A00	33	191	15
										240A00	23.1	25.0	35.9	40	030A00	33	191	15
										241A00	32.3	35.0	47.4	50	030A00	44	191	15
										242A00	37.0	40.0	53.2	60	030A00	49	191	15
										243A00	46.2	50.0	53.2	60	030A00	60	191	15
										244A00	55.4	60.0	62.4	70	033A00	70	191	19
							3.3	3.0	Low	—	—	—	24.7	30	—	26	138	—
										239A00	13.9	15.0	24.7	30	030A00	26	138	15
										240A00	23.1	25.0	36.1	40	030A00	33	138	15
										241A00	32.3	35.0	47.7	50	030A00	44	138	15
										242A00	37.0	40.0	53.4	60	030A00	49	138	15
										243A00	46.2	50.0	53.4	60	030A00	60	138	15
										244A00	55.4	60.0	62.7	70	033A00	70	138	19
							5.6		High	—	—	—	27.5	30	—	29	151	—
										239A00	13.9	13.9	28.1	30	030A00	29	151	15
										240A00	23.1	23.1	39.6	40	030A00	36	151	15
										241A00	32.3	32.3	51.2	60	030A00	47	151	15
										242A00	37.0	37.0	56.9	60	030A00	52	151	15
										243A00	46.2	46.2	56.9	60	030A00	63	151	15
										244A00	55.4	55.4	66.2	70	033A00	74	151	19

Table 1 — Electrical Data — Units Without Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY (V-PH-HZ)	VOLTAGE RANGE		COMPR NO. 1		COMPR NO. 2		COMPR NO. 3		OF MFL A	POWER EXHAUST		IFM TYPE	IFM FLA	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	RLA	LRA	RLA	LRA		QTY	FLA			CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP		FLA	LRA	
16	208/230-3-60	187	253	18.1	137	18.1	137	17.6	123	1.9	—	—	Low	10.2	—	—	—/—	74.2/ 74.2	90/ 90	—	80/ 80	482/482	—
															255A00	52.1/ 60.1	18.8/25.0	77.9/ 87.9	90/ 90	034	80/ 81	482/482	20
															256A00	104.2/120.3	37.6/50.0	143.0/133.0	150/150	034	132/150	482/482	20
															257A00	156.3/180.4	56.3/75.0	169.1/193.2	200/225	034	192/219	482/482	20
													Mid-Low	15.0	—	—	—/—	79.0/ 79.0	90/ 90	—	86/ 86	491/491	—
															255A00	52.1/ 60.1	18.8/25.0	83.9/ 93.9	90/100	034	86/ 86	491/491	20
															256A00	104.2/120.3	37.6/50.0	149.0/139.0	150/175	034	137/156	491/491	20
															257A00	156.3/180.4	56.3/75.0	175.1/199.2	200/225	034	197/225	491/491	20
													High	19.4	—	—	—/—	83.4/ 83.4	100/100	—	91/ 91	529/529	—
															255A00	52.1/ 60.1	18.8/25.0	89.4/ 99.4	100/100	034	91/ 91	529/529	20
															256A00	104.2/120.3	37.6/50.0	154.5/144.5	175/175	034	142/161	529/529	20
															257A00	156.3/180.4	56.3/75.0	180.6/204.7	200/225	034	202/230	529/529	20
											2	3.0	Low	10.2	—	—	—/—	77.2/ 77.2	90/ 90	—	84/ 84	486/486	—
															255A00	52.1/ 60.1	18.8/25.0	81.6/ 91.7	90/100	034	84/ 84	486/486	20
															256A00	104.2/120.3	37.6/50.0	146.8/136.8	150/150	034	135/154	486/486	20
															257A00	156.3/180.4	56.3/75.0	172.8/196.9	200/225	034	195/223	486/486	20
													Mid-Low	15.0	—	—	—/—	82.0/ 82.0	100/100	—	89/ 89	495/495	—
															255A00	52.1/ 60.1	18.8/25.0	87.6/ 97.7	100/100	034	89/ 90	495/495	20
															256A00	104.2/120.3	37.6/50.0	152.8/142.8	175/175	034	141/159	495/495	20
															257A00	156.3/180.4	56.3/75.0	178.8/202.9	200/225	034	200/228	495/495	20
													High	19.4	—	—	—/—	86.4/ 86.4	100/100	—	94/ 94	533/533	—
															255A00	52.1/ 60.1	18.8/25.0	93.1/103.2	100/110	034	94/ 95	533/533	20
															256A00	104.2/120.3	37.6/50.0	158.3/148.3	175/175	034	146/164	533/533	20
															257A00	156.3/180.4	56.3/75.0	184.3/208.4	200/250	034	206/233	533/533	20
	460-3-60	414	506	9.0	62	9.0	62	7.7	50	1.0	—	—	Low	4.8	—	—	—/—	35.8	40	—	39	215	—
															258A00	30.1	25.0	43.6	45	035	40	215	21
															259A00	60.1	50.0	66.1	80	036	75	215	22
															260A00	90.2	75.0	96.2	100	036	109	215	22
													Mid-Low	7.4	—	—	—/—	38.4	45	—	42	219	—
															258A00	30.1	25.0	46.8	50	035	43	219	21
															259A00	60.1	50.0	69.4	80	036	78	219	22
															260A00	90.2	75.0	99.5	110	036	112	219	22
													High	9.7	—	—	—/—	40.7	50	—	44	238	—
															258A00	30.1	25.0	49.7	50	035	46	238	21
															259A00	60.1	50.0	72.3	80	036	80	238	22
															260A00	90.2	75.0	102.3	125	036	115	238	22
											2	1.2	Low	4.8	—	—	—/—	37.0	45	—	40	217	—
															258A00	30.1	25.0	45.1	50	035	41	217	21
															259A00	60.1	50.0	67.6	80	036	76	217	22
															260A00	90.2	75.0	97.7	100	036	111	217	22
													Mid-Low	7.4	—	—	—/—	39.6	45	—	43	222	—
															258A00	30.1	25.0	48.3	50	035	44	222	21
															259A00	60.1	50.0	70.9	80	036	79	222	22
															260A00	90.2	75.0	101.0	110	036	114	222	22
													High	9.7	—	—	—/—	41.9	50	—	46	241	—
															258A00	30.1	25.0	51.2	60	036	47	241	21
															259A00	60.1	50.0	73.8	80	036	82	241	22
															260A00	90.2	75.0	103.8	125	036	116	241	22
	575-3-60	518	633	6.8	50	6.8	50	6.1	40	0.8	—	—	Low	2.8	—	—	—/—	26.6	30	—	29	167	—
															261A00	24.1	25.0	33.6	35	035	31	167	21
															262A00	46.2	50.0	49.7	60	035	56	167	21
															263A00	72.2	75.0	75.7	80	036	86	167	22
													Mid-Low	5.6	—	—	—/—	29.4	35	—	32	181	—
															261A00	24.1	25.0	37.1	40	035	34	181	21
															262A00	46.2	50.0	53.2	60	035	60	181	21
															263A00	72.2	75.0	79.2	90	036	89	181	22
													High	7.8	—	—	—/—	31.6	35	—	34	196	—
															261A00	24.1	25.0	39.8	40	035	37	196	21
															262A00	46.2	50.0	55.9	60	035	62	196	21
															263A00	72.2	75.0	81.9	90	036	92	196	22
											2	3.0	Low	2.8	—	—	—/—	29.6	35	—	32	171	—
															261A00	24.1	25.0	37.3	40	035	34	171	21
															262A00	46.2	50.0	53.4	60	035	60	171	21
															263A00	72.2	75.0	79.4	90	036	90	171	22
													Mid-Low	5.6	—	—	—/—	32.4	35	—	35	185	—
															261A00	24.1	25.0	40.8	45	035	38	185	21
															262A00	46.2	50.0	56.9	60	035	63	185	21
															263A00	72.2	75.0	82.9	90	036	93	185	22
													High	7.8	—	—	—/—	34.6	40	—	38	200	—
															261A00	24.1	25.0	43.6	45	035	40	200	21
															262A00	46.2	50.0	59.7	70	035	66	200	21
															263A00	72.2	75.0	85.7	100	036	95	200	22

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
03	208/230-1-60	187	253	12.8	60	0.9	4.9	—	Low	—	—	—/—	27.8/27.8	30/30	—	27/27	78/78	—
										200A00	10.8/12.5	2.3/3.0	27.8/27.8	30/30	028A00	27/27	78/78	13
										201A00	17.3/20.0	3.8/5.0	32.8/36.1	35/40	028A00	31/34	78/78	13
										202A00	26.0/30.0	5.6/7.5	43.6/48.6	45/50	028A00	41/46	78/78	13
										203A00	34.7/40.0	7.5/10.0	54.5/61.1	60/70	028A00	51/57	78/78	13
									High	—	—	—/—	27.8/27.8	30/30	—	27/27	78/78	—
										200A00	10.8/12.5	2.3/3.0	27.8/27.8	30/30	028A00	27/27	78/78	13
										201A00	17.3/20.0	3.8/5.0	32.8/36.1	35/40	028A00	31/34	78/78	13
										202A00	26.0/30.0	5.6/7.5	43.6/48.6	45/50	028A00	41/46	78/78	13
										203A00	34.7/40.0	7.5/10.0	54.5/61.1	60/70	028A00	51/57	78/78	13
								1.4	Low	—	—	—/—	29.2/29.2	40/40	—	29/29	80/80	—
										200A00	10.8/12.5	2.3/3.0	29.2/29.2	40/40	028A00	29/29	80/80	13
										201A00	17.3/20.0	3.8/ 5.0	34.5/37.9	40/40	028A00	33/36	80/80	13
										202A00	26.0/30.0	5.6/ 7.5	45.4/50.4	50/60	028A00	43/47	80/80	13
										203A00	34.7/40.0	7.5/10.0	56.2/62.9	60/70	028A00	53/59	80/80	13
									High	—	—	—/—	29.2/29.2	40/40	—	29/29	80/80	—
										200A00	10.8/12.5	2.3/ 3.0	29.2/29.2	40/40	028A00	29/29	80/80	13
										201A00	17.3/20.0	3.8/ 5.0	34.5/37.9	40/40	028A00	33/36	80/80	13
										202A00	26.0/30.0	5.6/ 7.5	45.4/50.4	50/60	028A00	43/47	80/80	13
										203A00	34.7/40.0	7.5/10.0	56.2/62.9	60/70	028A00	53/59	80/80	13
04	208/230-1-60	187	253	15.4	83	0.9	4.9	—	Low	—	—	—/—	31.0/31.0	45/45	—	30/30	101/101	—
										200A00	10.8/12.5	2.3/ 3.0	31.0/31.0	45/45	028A00	30/30	101/101	13
										201A00	17.3/20.0	3.8/ 5.0	32.8/36.1	45/45	028A00	31/34	101/101	13
										202A00	26.0/30.0	5.6/ 7.5	43.6/48.6	45/50	028A00	41/46	101/101	13
										203A00	34.7/40.0	7.5/10.0	54.5/61.1	60/70	028A00	51/57	101/101	13
										204A00	52.0/60.0	11.3/15.0	76.1/86.1	80/90	029A00	71/80	101/101	14
									High	—	—	—/—	31.0/31.0	45/45	—	30/30	101/101	—
										200A00	10.8/12.5	2.3/ 3.0	31.0/31.0	45/45	028A00	30/30	101/101	13
										201A00	17.3/20.0	3.8/ 5.0	32.8/36.1	45/45	028A00	31/34	101/101	13
										202A00	26.0/30.0	5.6/ 7.5	43.6/48.6	45/50	028A00	41/46	101/101	13
										203A00	34.7/40.0	7.5/10.0	54.5/61.1	60/70	028A00	51/57	101/101	13
										204A00	52.0/60.0	11.3/15.0	76.1/86.1	80/90	029A00	71/80	101/101	14
								1.4	Low	—	—	—/—	32.4/32.4	45/45	—	32/32	103/103	—
										200A00	10.8/12.5	2.3/ 3.0	32.4/32.4	45/45	028A00	32/32	103/103	13
										201A00	17.3/20.0	3.8/ 5.0	34.5/37.9	45/45	028A00	33/36	103/103	13
										202A00	26.0/30.0	5.6/ 7.5	45.4/50.4	50/60	028A00	43/47	103/103	13
										203A00	34.7/40.0	7.5/10.0	56.2/62.9	60/70	028A00	53/59	103/103	13
										204A00	52.0/60.0	11.3/15.0	77.9/87.9	80/90	029A00	73/82	103/103	14
									High	—	—	—/—	32.4/32.4	45/45	—	32/32	103/103	—
										200A00	10.8/12.5	2.3/ 3.0	32.4/32.4	45/45	028A00	32/32	103/103	13
										201A00	17.3/20.0	3.8/ 5.0	34.5/37.9	45/45	028A00	33/36	103/103	13
										202A00	26.0/30.0	5.6/ 7.5	45.4/50.4	50/60	028A00	43/47	103/103	13
										203A00	34.7/40.0	7.5/10.0	56.2/62.9	60/70	028A00	53/59	103/103	13
										204A00	52.0/60.0	11.3/15.0	77.9/87.9	80/90	029A00	73/82	103/103	14
	208/230-3-60	187	253	11.5	77	0.9	4.9	—	Low	—	—	—/—	25.0/25.0	30/30	—	25/25	95/95	—
										207A00	6.3/ 7.2	2.3/ 3.0	25.0/25.0	30/30	030A00	25/25	95/95	15
										208A00	10.0/11.5	3.8/ 5.0	25.0/26.0	30/30	030A00	25/25	95/95	15
										209A00	15.0/17.3	5.6/ 7.5	30.9/33.2	35/35	030A00	28/31	95/95	15
										210A00	20.0/23.1	7.5/10.0	37.2/40.4	40/45	030A00	34/38	95/95	15
										211A00	30.0/34.6	11.3/15.0	49.7/54.9	50/60	030A00	46/51	95/95	15
									High	—	—	—/—	25.0/25.0	30/30	—	25/25	95/95	—
										207A00	6.3/ 7.2	2.3/ 3.0	25.0/25.0	30/30	030A00	25/25	95/95	15
										208A00	10.0/11.5	3.8/ 5.0	25.0/26.0	30/30	030A00	25/25	95/95	15
										209A00	15.0/17.3	5.6/ 7.5	30.9/33.2	35/35	030A00	28/31	95/95	15
										210A00	20.0/23.1	7.5/10.0	37.2/40.4	40/45	030A00	34/38	95/95	15
										211A00	30.0/34.6	11.3/15.0	49.7/54.9	50/60	030A00	46/51	95/95	15

LEGEND

FLA – Full Load Amps
HACR – Heating, Air Conditioning and Refrigeration
IFM – Indoor – Fan Motor
LRA – Locked Rotor Amps
MCA – Minimum Circuit Amps
MOCP – Maximum Overcurrent Protection
NEC – National Electrical Code
OFM – Outdoor–Fan Motor
RLA – Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.
IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field–supplied pressure connectors are used.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEATC			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
04	208/230-3-60 (cont)	187	253	11.5	77	0.9	4.9	1.4	Low	—	—	—/—	26.4/26.4	30/30	—	27/27	97/97	—
										207A00	6.3/ 7.2	2.3/ 3.0	26.4/26.4	30/30	030A00	27/27	97/97	15
										208A00	10.0/11.5	3.8/ 5.0	26.4/27.7	30/30	030A00	27/27	97/97	15
										209A00	15.0/17.3	5.6/ 7.5	32.6/35.0	35/40	030A00	30/33	97/97	15
										210A00	20.0/23.1	7.5/10.0	38.9/42.2	40/45	030A00	36/39	97/97	15
										211A00	30.0/34.6	11.3/15.0	51.4/56.6	60/60	030A00	47/53	97/97	15
									High	—	—	—/—	26.4/26.4	30/30	—	27/27	97/97	—
										207A00	6.3/ 7.2	2.3/ 3.0	26.4/26.4	30/30	030A00	27/27	97/97	15
										208A00	10.0/11.5	3.8/ 5.0	26.4/27.7	30/30	030A00	27/27	97/97	15
										209A00	15.0/17.3	5.6/ 7.5	32.6/35.0	35/40	030A00	30/33	97/97	15
										210A00	20.0/23.1	7.5/10.0	38.9/42.2	40/45	030A00	36/39	97/97	15
										211A00	30.0/34.6	11.3/15.0	51.4/56.6	60/60	030A00	47/53	97/97	15
	460-3-60	414	506	5.1	35	0.5	2.1	—	Low	—	—	—	11.2	15	—	11	44	—
										214A00	3.5	3.0	11.2	15	030A00	11	44	15
										215A00	5.8	5.0	12.6	15	030A00	12	44	15
										216A00	8.7	7.5	16.2	20	030A00	15	44	15
										217A00	11.5	10.0	19.8	20	030A00	18	44	15
										218A00	17.3	15.0	27.0	30	030A00	25	44	15
									High	—	—	—	11.2	15	—	11	44	—
										214A00	3.5	3.0	11.2	15	030A00	11	44	15
										215A00	5.8	5.0	12.6	15	030A00	12	44	15
										216A00	8.7	7.5	16.2	20	030A00	15	44	15
										217A00	11.5	10.0	19.8	20	030A00	18	44	15
										218A00	17.3	15.0	27.0	30	030A00	25	44	15
								0.6	Low	—	—	—	11.8	15	—	12	45	—
										214A00	3.5	3.0	11.8	15	030A00	12	45	15
										215A00	5.8	5.0	13.3	15	030A00	12	45	15
										216A00	8.7	7.5	16.9	20	030A00	16	45	15
										217A00	11.5	10.0	20.5	25	030A00	19	45	15
										218A00	17.3	15.0	27.7	30	030A00	26	45	15
									High	—	—	—	11.8	15	—	12	45	—
										214A00	3.5	3.0	11.8	15	030A00	12	45	15
										215A00	5.8	5.0	13.3	15	030A00	12	45	15
										216A00	8.7	7.5	16.9	20	030A00	16	45	15
										217A00	11.5	10.0	20.5	25	030A00	19	45	15
										218A00	17.3	15.0	27.7	30	030A00	26	45	15
	575-3-60	518	632	4.3	31.0	0.4	2.2	—	Low	—	—	—	9.7	15	—	10	39	—
										221A00	9.2	10.0	16.3	20	030A00	15	39	15
										222A00	13.9	15.0	22.1	25	030A00	20	38	15
									High	—	—	—	9.7	15	—	10	39	—
										221A00	9.2	10.0	16.3	20	030A00	15	39	15
										222A00	13.9	15.0	22.1	25	030A00	20	39	15
								1.4	Low	—	—	—	11.1	15	—	12	41	—
										221A00	9.2	10.0	18.0	20	030A00	17	41	15
										222A00	13.9	15.0	23.9	25	030A00	22	41	15
									High	—	—	—	11.1	15	—	12	41	—
										221A00	9.2	10.0	18.0	20	030A00	17	41	15
										222A00	13.9	15.0	23.9	25	030A00	22	41	15
05	208/230-1-60	187	253	20.5	109	0.9	4.9	—	Low	—	—	—/—	37.4/ 37.4	50/ 50	—	36/ 36	127/127	—
										201A00	17.3/20.0	3.8/ 5.0	37.4/ 37.4	50/ 50	028A00	36/ 36	127/127	13
										202A00	26.0/30.0	5.6/ 7.5	43.6/ 48.6	50/ 50	028A00	41/ 46	127/127	13
										203A00	34.7/40.0	7.5/10.0	54.5/ 61.1	60/ 70	028A00	51/ 57	127/127	13
										204A00	52.0/60.0	11.3/15.0	76.1/ 86.1	80/ 90	029A00	71/ 80	127/127	14
										205A00	69.3/80.0	15.0/20.0	97.8/111.1	100/125	029A00	91/103	127/127	14
							7.0		High	—	—	—/—	39.5/ 39.5	50/ 50	—	38/ 38	153/153	—
										201A00	17.3/20.0	3.8/ 5.0	39.5/ 39.5	50/ 50	028A00	38/ 38	153/153	13
										202A00	26.0/30.0	5.6/ 7.5	46.2/ 51.3	50/ 60	028A00	43/ 48	153/153	13
										203A00	34.7/40.0	7.5/10.0	57.1/ 63.8	60/ 70	028A00	53/ 60	153/153	13
										204A00	52.0/60.0	11.3/15.0	78.7/ 88.8	80/ 90	029A00	73/ 83	153/153	14
										205A00	69.3/80.0	15.0/20.0	100.4/113.8	110/125	029A00	93/106	153/153	14
							4.9	1.4	Low	—	—	—/—	38.8/ 38.8	50/ 50	—	37/ 37	129/129	—
										201A00	17.3/20.0	3.8/ 5.0	38.8/ 38.8	50/ 50	028A00	37/ 37	129/129	13
										202A00	26.0/30.0	5.6/ 7.5	45.4/ 50.4	50/ 60	028A00	43/ 47	129/129	13
										203A00	34.7/40.0	7.5/10.0	56.2/ 62.9	60/ 70	028A00	53/ 59	129/129	13
										204A00	52.0/60.0	11.3/15.0	77.9/ 87.9	80/ 90	029A00	73/ 82	129/129	14
										205A00	69.3/80.0	15.0/20.0	99.5/112.9	110/125	029A00	92/105	129/129	14
							7.0		High	—	—	—/—	40.9/ 40.9	60/ 60	—	40/ 40	155/155	—
										201A00	17.3/20.0	3.8/ 5.0	40.9/ 40.9	60/ 60	028A00	40/ 40	155/155	13
										202A00	26.0/30.0	5.6/ 7.5	48.0/ 53.0	60/ 60	028A00	45/ 50	155/155	13
										203A00	34.7/40.0	7.5/10.0	58.8/ 65.5	60/ 70	028A00	55/ 61	155/155	13
										204A00	52.0/60.0	11.3/15.0	80.5/ 90.5	90/100	029A00	75/ 84	155/155	14
										205A00	69.3/80.0	15.0/20.0	102.2/115.5	110/125	029A00	95/107	155/155	14
	208/230-3-60	187	253	14.6	91	0.9	4.9	—	Low	—	—	—/—	28.8/28.8	40/40	—	29/29	109/109	—
										208A00	10.0/11.5	3.8/ 5.0	28.8/28.8	40/40	030A00	29/29	109/109	15
										209A00	15.0/17.3	5.6/ 7.5	30.9/33.2	40/40	030A00	29/31	109/109	15
										210A00	20.0/23.1	7.5/10.0	37.2/40.4	40/45	030A00	34/38	109/109	15
										211A00	30.0/34.6	11.3/15.0	49.7/54.9	50/60	030A00	46/51	109/109	15
										212A00	40.0/46.2	15.0/20.0	62.2/69.3	70/70	031A00	57/64	109/109	16
							5.2		High	—	—	—/—	29.1/29.1	40/40	—	29/29	128/128	—
										208A00	10.0/11.5	3.8/ 5.0	29.1/29.1	40/40	030A00	29/29	128/128	15
										209A00	15.0/17.3	5.6/ 7.5	31.3/33.6	40/40	030A00	29/31	128/128	15
										210A00	20.0/23.1	7.5/10.0	37.5/40.8	40/45	030A00	35/38	128/128	15
										211A00	30.0/34.6	11.3/15.0	50.0/55.2	60/60	030A00	46/51	128/128	15
										212A00	40.0/46.2	15.0/20.0	62.5/69.7	70/80	031A00	58/65	128/128	16

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR (EA)		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
05 (cont)	208/230-3-60 (cont)	187	253	14.6	91	0.9	4.9	1.4	Low	—	—	—/—	30.2/30.2	40/40	—	31/31	111/111	—
										208A00	10.0/11.5	3.8/ 5.0	30.2/30.2	40/40	030A00	31/31	111/111	15
										209A00	15.0/17.3	5.6/ 7.5	32.6/35.0	40/40	030A00	31/33	111/111	15
										210A00	20.0/23.1	7.5/10.0	38.9/42.2	40/45	030A00	36/39	111/111	15
										211A00	30.0/34.6	11.3/15.0	51.4/56.6	60/60	030A00	47/53	111/111	15
										212A00	40.0/46.2	15.0/20.0	63.9/71.0	70/80	031A00	59/66	111/111	16
							5.2		High	—	—	—/—	30.5/30.5	45/45	—	31/31	130/130	—
										208A00	10.0/11.5	3.8/ 5.0	30.5/30.5	45/45	030A00	31/31	130/130	15
										209A00	15.0/17.3	5.6/ 7.5	33.0/35.3	45/45	030A00	31/33	130/130	15
										210A00	20.0/23.1	7.5/10.0	39.3/42.6	45/45	030A00	36/40	130/130	15
										211A00	30.0/34.6	11.3/15.0	51.8/57.0	60/60	030A00	48/53	130/130	15
										212A00	40.0/46.2	15.0/20.0	64.3/71.4	70/80	031A00	59/66	130/130	16
	460-3-60	414	506	7.1	46	0.5	2.1	—	Low	—	—	—	13.6	20	—	14	55	—
										215A00	5.8	5.0	13.6	20	030A00	14	55	15
										216A00	8.7	7.5	16.2	20	030A00	15	55	15
										217A00	11.5	10.0	19.8	20	030A00	18	55	15
										218A00	17.3	15.0	27.0	30	030A00	25	55	15
										219A00	23.1	20.0	34.2	35	030A00	31	55	15
							2.6		High	—	—	—	14.1	20	—	14	64	—
										215A00	5.8	5.0	14.1	20	030A00	14	64	15
										216A00	8.7	7.5	16.8	20	030A00	15	64	15
										217A00	11.5	10.0	20.4	25	030A00	19	64	15
										218A00	17.3	15.0	27.6	30	030A00	25	64	15
										219A00	23.1	20.0	34.8	35	030A00	32	64	15
							2.1	0.6	Low	—	—	—	14.2	20	—	14	56	—
										215A00	5.8	5.0	14.2	20	030A00	14	56	15
										216A00	8.7	7.5	16.9	20	030A00	16	56	15
										217A00	11.5	10.0	20.5	25	030A00	19	56	15
										218A00	17.3	15.0	27.7	30	030A00	26	56	15
										219A00	23.1	20.0	35.0	40	030A00	32	56	15
							2.6		High	—	—	—	14.7	20	—	15	65	—
										215A00	5.8	5.0	14.7	20	030A00	15	65	15
										216A00	8.7	7.5	17.5	20	030A00	16	65	15
										217A00	11.5	10.0	21.2	25	030A00	19	65	15
										218A00	17.3	15.0	28.4	30	030A00	26	65	15
										219A00	23.1	20.0	35.6	40	030A00	33	65	15
	575-3-60	518	632	5.0	34.0	0.4	2.0	—	Low	—	—	—	10.7	15	—	11	42	—
										221A00	9.2	10.0	16.3	20	030A00	15	42	15
										222A00	13.9	15.0	22.1	25	030A00	20	42	15
										223A00	18.5	20.0	27.9	30	030A00	26	42	15
									High	—	—	—	10.6	15	—	11	48	—
										221A00	9.2	10.0	16.1	20	030A00	15	48	15
										222A00	13.9	15.0	22.0	25	030A00	20	48	15
										223A00	18.5	20.0	27.8	30	030A00	26	48	15
								1.4	Low	—	—	—	12.1	15	—	12	44	—
										221A00	9.2	10.0	18.0	20	030A00	17	44	15
										222A00	13.9	15.0	23.9	25	030A00	22	44	15
										223A00	18.5	20.0	29.6	30	030A00	27	44	15
									High	—	—	—	12.0	15	—	12	50	—
										221A00	9.2	10.0	17.9	20	030A00	16	50	15
										222A00	13.9	15.0	23.8	25	030A00	22	50	15
										223A00	18.5	20.0	29.5	30	030A00	27	50	15
06	208/230-1-60	187	253	26.9	145	1.5	4.9	—	Low	—	—	—/—	46.1/ 46.1	60/ 60	—	44/ 44	164/164	—
										201A00	17.3/ 20.0	3.8/ 5.0	46.1/ 46.1	60/ 60	028A00	44/ 44	164/164	13
										202A00	26.0/ 30.0	5.6/ 7.5	46.1/ 48.6	60/ 60	028A00	44/ 46	164/164	13
										203A00	34.7/ 40.0	7.5/10.0	54.5/ 61.1	60/ 70	028A00	51/ 57	164/164	13
										204A00	52.0/ 60.0	11.3/15.0	76.1/ 86.1	80/ 90	029A00	71/ 80	164/164	14
										205A00	69.3/ 80.0	15.0/20.0	97.8/111.1	100/125	029A00	91/103	164/164	14
										206A00	86.7/100.0	18.8/25.0	119.4/136.1	125/150	029A00	111/126	164/164	14
							7.0		High	—	—	—/—	48.2/ 48.2	60/ 60	—	46/ 46	190/190	—
										201A00	17.3/ 20.0	3.8/ 5.0	48.2/ 48.2	60/ 60	028A00	46/ 46	190/190	13
										202A00	26.0/ 30.0	5.6/ 7.5	48.2/ 51.3	60/ 60	028A00	46/ 48	190/190	13
										203A00	34.7/ 40.0	7.5/10.0	57.1/ 63.8	60/ 70	028A00	53/ 60	190/190	13
										204A00	52.0/ 60.0	11.3/15.0	78.7/ 88.8	80/ 90	029A00	73/ 83	190/190	14
										205A00	69.3/ 80.0	15.0/20.0	100.4/113.8	110/125	029A00	93/106	190/190	14
										206A00	86.7/100.0	18.8/25.0	122.1/138.8	125/150	029A00	113/129	190/190	14

LEGEND

FLA – Full Load Amps
HACR – Heating, Air Conditioning and Refrigeration
IFM – Indoor – Fan Motor
LRA – Locked Rotor Amps
MCA – Minimum Circuit Amps
MOCP – Maximum Overcurrent Protection
NEC – National Electrical Code
OFM – Outdoor–Fan Motor
RLA – Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field–supplied pressure connectors are used.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
06 (cont)	208/230-1-60 (cont)	187	253	26.9	145	1.5	4.9	1.4	Low	—	—	—/—	46.2/ 46.2	60/ 60	—	45/ 45	166/166	—
										201A00	17.3/ 20.0	3.8/ 5.0	46.2/ 46.2	60/ 60	028A00	45/ 45	166/166	13
										202A00	26.0/ 30.0	5.6/ 7.5	46.4/ 51.4	60/ 60	028A00	45/ 47	166/166	13
										203A00	34.7/ 40.0	7.5/10.0	57.3/ 63.9	60/ 70	028A00	53/ 59	166/166	13
										204A00	52.0/ 60.0	11.3/15.0	78.9/ 88.9	80/ 90	029A00	73/ 82	166/166	14
										205A00	69.3/ 80.0	15.0/20.0	100.5/1139	110/125	029A00	92/105	166/166	14
										206A00	86.7/100.0	18.8/25.0	122.3/138.9	125/150	029A00	112/128	166/166	14
							7.0		High	—	—	—/—	49.6/ 49.6	60/ 60	—	48/ 48	192/192	—
										201A00	17.3/ 20.0	3.8/ 5.0	49.6/ 49.6	60/ 60	028A00	48/ 48	192/192	13
										202A00	26.0/ 30.0	5.6/ 7.5	49.6/ 53.0	60/ 60	028A00	48/ 50	192/192	13
										203A00	34.7/ 40.0	7.5/10.0	58.8/ 65.5	60/ 70	028A00	55/ 61	192/192	13
										204A00	52.0/ 60.0	11.3/15.0	80.5/ 90.5	90/100	029A00	75/ 84	192/192	14
										205A00	69.3/ 80.0	15.0/20.0	102.2/115.5	110/125	029A00	95/107	192/192	14
										206A00	86.7/100.0	18.8/25.0	123.8/140.5	125/150	029A00	115/130	192/192	14
	208/230-3-60	187	253	17.6	123	1.5	5.2	—	Low	—	—	—/—	33.5/33.5	50/50	—	34/34	161/161	—
										208A00	10.0/11.5	3.8/ 5.0	33.5/33.5	50/50	030A00	34/34	161/161	15
										209A00	15.0/17.3	5.6/ 7.5	33.5/33.6	50/50	030A00	34/34	161/161	15
										210A00	20.0/23.1	7.5/10.0	37.5/40.8	50/50	030A00	35/38	161/161	15
										211A00	30.0/34.6	11.3/15.0	50.0/55.2	60/60	030A00	46/51	161/161	15
										212A00	40.0/46.2	15.0/20.0	62.5/69.7	70/80	031A00	58/65	161/161	16
										213A00	50.0/57.7	18.8/25.0	75.1/84.1	80/90	031A00	69/78	161/161	16
									High	—	—	—/—	33.5/33.5	50/50	—	34/34	161/161	—
										208A00	10.0/11.5	3.8/ 5.0	33.5/33.5	50/50	030A00	34/34	161/161	15
										209A00	15.0/17.3	5.6/ 7.5	33.5/33.6	50/50	030A00	34/34	161/161	15
										210A00	20.0/23.1	7.5/10.0	37.5/40.8	50/50	030A00	35/38	161/161	15
										211A00	30.0/34.6	11.3/15.0	50.0/55.2	60/60	030A00	46/51	161/161	15
										212A00	40.0/46.2	15.0/20.0	62.5/69.7	70/80	031A00	58/65	161/161	16
										213A00	50.0/57.7	18.8/25.0	75.1/84.1	80/90	031A00	69/78	161/161	16
								1.4	Low	—	—	—/—	34.9/34.9	50/50	—	35/35	163/163	—
										208A00	10.0/11.5	3.8/ 5.0	34.9/34.9	50/50	030A00	35/35	163/163	15
										209A00	15.0/17.3	5.6/ 7.5	34.9/35.3	50/50	030A00	35/35	163/163	15
										210A00	20.0/23.1	7.5/10.0	39.3/42.6	50/50	030A00	36/40	163/163	15
										211A00	30.0/34.6	11.3/15.0	51.8/57.0	60/60	030A00	48/53	163/163	15
										212A00	40.0/46.2	15.0/20.0	64.3/71.4	70/80	031A00	59/66	163/163	16
										213A00	50.0/57.7	18.8/25.0	76.8/85.9	80/90	031A00	71/80	163/163	16
									High	—	—	—/—	34.9/34.9	50/50	—	35/35	163/163	—
										208A00	10.0/11.5	3.8/ 5.0	34.9/34.9	50/50	030A00	35/35	163/163	15
										209A00	15.0/17.3	5.6/ 7.5	34.9/35.3	50/50	030A00	35/35	163/163	15
										210A00	20.0/23.1	7.5/10.0	39.3/42.6	50/50	030A00	36/40	163/163	15
										211A00	30.0/34.6	11.3/15.0	51.8/57.0	60/60	030A00	48/53	163/163	15
										212A00	40.0/46.2	15.0/20.0	64.3/71.4	70/80	031A00	59/66	163/163	16
										213A00	50.0/57.7	18.8/25.0	76.8/85.9	80/90	031A00	71/80	163/163	16
	460-3-60	414	506	7.7	50	0.8	2.6	—	Low	—	—	—	15.2	20	—	15	69	—
										215A00	5.8	5.0	15.2	20	030A00	15	69	15
										216A00	8.7	7.5	16.8	20	030A00	15	69	15
										217A00	11.5	10.0	20.4	25	030A00	19	69	15
										218A00	17.3	15.0	27.6	30	030A00	25	69	15
										219A00	23.1	20.0	34.8	35	030A00	32	69	15
										220A00	28.9	25.0	42.1	45	030A00	39	69	15
									High	—	—	—	15.2	20	—	15	69	—
										215A00	5.8	5.0	15.2	20	030A00	15	69	15
										216A00	8.7	7.5	16.8	20	030A00	15	69	15
										217A00	11.5	10.0	20.4	25	030A00	19	69	15
										218A00	17.3	15.0	27.6	30	030A00	25	69	15
										219A00	23.1	20.0	34.8	35	030A00	32	69	15
										220A00	28.9	25.0	42.1	45	030A00	39	69	15
								0.6	Low	—	—	—	15.8	20	—	16	70	—
										215A00	5.8	5.0	15.8	20	030A00	16	70	15
										216A00	8.7	7.5	17.5	20	030A00	16	70	15
										217A00	11.5	10.0	21.2	25	030A00	19	70	15
										218A00	17.3	15.0	28.4	30	030A00	26	70	15
										219A00	23.1	20.0	35.6	40	030A00	33	70	15
										220A00	28.9	25.0	42.8	45	030A00	39	70	15
									High	—	—	—	15.8	20	—	16	70	—
										215A00	5.8	5.0	15.8	20	030A00	16	70	15
										216A00	8.7	7.5	17.5	20	030A00	16	70	15
										217A00	11.5	10.0	21.2	25	030A00	19	70	15
										218A00	17.3	15.0	28.4	30	030A00	26	70	15
										219A00	23.1	20.0	35.6	40	030A00	33	70	15
										220A00	28.9	25.0	42.8	45	030A00	39	70	15
	575-3-60	518	632	6.1	40.0	0.8	2.0	—	Low	—	—	—	12.1	15	—	12	54	—
										221A00	9.2	10.0	16.2	20	030A00	15	54	15
										222A00	13.9	15.0	22.0	25	030A00	20	54	15
										223A00	18.5	20.0	27.8	30	030A00	26	54	15
										254A00	23.1	25.0	33.5	35	030A00	31	54	15
									High	—	—	—	13.5	15	—	14	56	—
										221A00	9.2	10.0	18.0	20	030A00	17	56	15
										222A00	13.9	15.0	23.7	25	030A00	22	56	15
										223A00	18.5	20.0	29.5	30	030A00	27	56	15
										254A00	23.1	25.0	35.3	35	030A00	32	56	15
								1.4	Low	—	—	—	12.1	20	—	12	54	—
										221A00	9.2	10.0	16.2	20	030A00	15	54	15
										222A00	13.9	15.0	22.0	25	030A00	20	54	15
										223A00	18.5	20.0	27.8	30	030A00	26	54	15
										254A00	23.1	25.0	33.5	40	030A00	31	54	15
									High	—	—	—	13.5	20	—	14	56	—
										221A00	9.2	10.0	18.0	20	030A00	17	56	15
										222A00	13.9	15.0	23.7	25	030A00	22	56	15
										223A00	18.5	20.0	29.5	30	030A00	27	56	15
										254A00	23.1	25.0	35.3	40	030A00	32	56	15

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
07	208/230-3-60	187	253	20.5	149	1.5	5.2	—	Low	—	—	—/—	37.2/37.2	50/50	—	37/37	187/187	—
										208A00	10.0/11.5	3.8/ 5.0	37.2/37.2	50/50	030A00	37/37	187/187	15
										209A00	15.0/17.3	5.6/ 7.5	37.2/37.2	50/50	030A00	37/37	187/187	15
										210A00	20.0/23.1	7.5/10.0	37.5/40.8	50/50	030A00	37/38	187/187	15
										211A00	30.0/34.6	11.3/15.0	50.0/55.2	50/50	030A00	46/51	187/187	15
										212A00	40.0/46.2	15.0/20.0	62.5/69.7	60/70	031A00	58/65	187/187	16
										213A00	50.0/57.7	18.8/25.0	75.1/84.1	70/80	031A00	69/78	187/187	16
							7.5		High	—	—	—/—	39.5/39.5	50/50	—	39/39	213/213	—
										208A00	10.0/11.5	3.8/ 5.0	39.5/39.5	50/50	030A00	39/39	213/213	15
										209A00	15.0/17.3	5.6/ 7.5	39.5/39.5	50/50	030A00	39/39	213/213	15
										210A00	20.0/23.1	7.5/10.0	40.4/43.7	50/50	030A00	39/41	213/213	15
										211A00	30.0/34.6	11.3/15.0	52.9/58.1	60/60	030A00	49/54	213/213	15
										212A00	40.0/46.2	15.0/20.0	65.4/72.5	70/80	031A00	60/67	213/213	16
										213A00	50.0/57.7	18.8/25.0	77.9/87.0	80/90	031A00	72/81	213/213	16
							5.2	1.4	Low	—	—	—/—	38.6/38.6	50/50	—	38/38	189/189	—
										208A00	10.0/11.5	3.8/ 5.0	38.6/38.6	50/50	030A00	38/38	189/189	15
										209A00	15.0/17.3	5.6/ 7.5	38.6/38.6	50/50	030A00	38/38	189/189	15
										210A00	20.0/23.1	7.5/10.0	39.3/42.6	50/50	030A00	38/40	189/189	15
										211A00	30.0/34.6	11.3/15.0	51.8/57.0	60/60	030A00	48/53	189/189	15
										212A00	40.0/46.2	15.0/20.0	64.3/71.4	70/80	031A00	59/66	189/189	16
										213A00	50.0/57.7	18.8/25.0	76.8/85.9	80/90	031A00	71/80	189/189	16
							7.5		High	—	—	—/—	40.9/40.9	60/60	—	41/41	214/214	—
										208A00	10.0/11.5	3.8/ 5.0	40.9/40.9	60/60	030A00	41/41	214/214	15
										209A00	15.0/17.3	5.6/ 7.5	40.9/40.9	60/60	030A00	41/41	214/214	15
										210A00	20.0/23.1	7.5/10.0	42.2/45.4	60/60	030A00	41/42	214/214	15
										211A00	30.0/34.6	11.3/15.0	54.7/59.9	60/70	031A00	50/56	214/214	15
										212A00	40.0/46.2	15.0/20.0	67.2/74.3	70/80	031A00	62/69	214/214	16
										213A00	50.0/57.7	18.8/25.0	79.7/88.7	80/90	031A00	73/82	214/214	16
	460-3-60	414	506	9.6	75	0.8	2.6	—	Low	—	—	—	17.6	25	—	17	94	—
										215A00	5.8	5.0	17.6	25	030A00	17	94	15
										216A00	8.7	7.5	17.6	25	030A00	17	94	15
										217A00	11.5	10.0	20.4	25	030A00	19	94	15
										218A00	17.3	15.0	27.6	30	030A00	25	94	15
										219A00	23.1	20.0	34.8	35	030A00	32	94	15
										220A00	28.9	25.0	42.1	45	030A00	39	94	15
							3.4		High	—	—	—	18.4	25	—	18	107	—
										215A00	5.8	5.0	18.4	25	030A00	18	107	15
										216A00	8.7	7.5	18.4	25	030A00	18	107	15
										217A00	11.5	10.0	21.4	25	030A00	20	107	15
										218A00	17.3	15.0	28.6	30	030A00	26	107	15
										219A00	23.1	20.0	35.8	40	030A00	33	107	15
										220A00	28.9	25.0	43.1	45	030A00	40	107	15
							2.6	0.6	Low	—	—	—	18.2	25	—	18	95	—
										215A00	5.8	5.0	18.2	25	030A00	18	95	15
										216A00	8.7	7.5	18.2	25	030A00	18	95	15
										217A00	11.5	10.0	21.2	25	030A00	19	95	15
										218A00	17.3	15.0	28.4	30	030A00	26	95	15
										219A00	23.1	20.0	35.6	40	030A00	33	95	15
										220A00	28.9	25.0	42.8	45	030A00	39	95	15
							3.4		High	—	—	—	19.0	25	—	19	108	—
										215A00	5.8	5.0	19.0	25	030A00	19	108	15
										216A00	8.7	7.5	19.0	25	030A00	19	108	15
										217A00	11.5	10.0	22.2	25	030A00	20	108	15
										218A00	17.3	15.0	29.4	30	030A00	27	108	15
										219A00	23.1	20.0	36.6	40	030A00	34	108	15
										220A00	28.9	25.0	43.8	45	030A00	40	108	15

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.
† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.
IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
07 (cont)	575-3-60	518	632	7.6	54.0	0.8	2.0	—	Low	—	—	—	14.1	20	—	14	68	—
										221A00	9.2	10.0	16.2	20	030A00	15	68	15
										222A00	13.9	15.0	22.0	25	030A00	20	68	15
										223A00	18.5	20.0	27.8	30	030A00	26	68	15
										254A00	23.1	25.0	33.5	35	030A00	31	68	15
										224A00	27.7	30.0	39.3	40	030A00	36	68	15
							2.8		High	—	—	—	15.1	20	—	15	77	—
										221A00	9.2	10.0	17.2	20	030A00	16	77	15
										222A00	13.9	15.0	23.0	25	030A00	21	77	15
										223A00	18.5	20.0	28.8	30	030A00	26	77	15
										254A00	23.1	25.0	34.5	35	030A00	32	77	15
										224A00	27.7	30.0	40.3	45	030A00	37	77	15
							2.0	1.4	Low	—	—	—	15.4	20	—	15	70	—
										221A00	9.2	10.0	18.0	20	030A00	17	70	15
										222A00	13.9	15.0	23.7	25	030A00	22	70	15
										223A00	18.5	20.0	29.5	30	030A00	27	70	15
										254A00	23.1	25.0	35.3	40	030A00	32	70	15
										224A00	27.7	30.0	41.1	45	030A00	38	70	15
							2.8		High	—	—	—	16.2	20	—	16	81	—
										221A00	9.2	10.0	19.0	20	030A00	17	81	15
										222A00	13.9	15.0	24.7	25	030A00	23	81	15
										223A00	18.5	20.0	30.5	35	030A00	28	81	15
										254A00	23.1	25.0	36.3	40	030A00	33	81	15
										224A00	27.7	30.0	42.1	45	030A00	39	81	15
08	208/230-3-60	187	253	13.5	88	1.5	5.2	—	Low	—	—	—/—	43.3/ 43.3	50/ 50	—	46/ 46	217/217	—
										225A00	20.0/23.1	7.5/10.0	43.3/ 43.3	50/ 50	030A00	46/ 46	217/217	15
										226A00	30.0/34.6	11.3/15.0	50.0/ 55.2	60/ 60	030A00	46/ 51	217/217	15
										227A00	50.0/57.7	18.8/25.0	75.1/ 84.1	80/ 90	031A00	69/ 78	217/217	16
										228A00	70.0/80.8	26.3/35.0	100.1/113.0	110/125	031A00	92/104	217/217	17
										229A00	80.0/92.4	30.0/40.0	112.6/127.4	125/150	031A00	104/118	217/217	17
							7.5		High	—	—	—/—	45.6/ 45.6	50/ 50	—	49/ 49	243/243	—
										225A00	20.0/23.1	7.5/10.0	45.6/ 45.6	50/ 50	030A00	49 /49	243/243	15
										226A00	30.0/34.6	11.3/15.0	52.9/ 58.1	60/ 60	030A00	49/ 54	243/243	15
										227A00	50.0/57.7	18.8/25.0	77.9/ 87.0	80/ 90	031A00	72/ 81	243/243	16
										228A00	70.0/80.8	26.3/35.0	102.9/115.9	110/125	031A00	95/107	243/243	17
										229A00	80.0/92.4	30.0/40.0	115.4/130.3	125/150	031A00	106/120	243/243	17
							5.2	3.0	Low	—	—	—/—	46.3/ 46.3	50/ 50	—	49/ 49	221/221	—
										225A00	20.0/23.1	7.5/10.0	46.3/ 46.3	50/ 50	030A00	49/ 49	221/221	15
										226A00	30.0/34.6	11.3/15.0	53.8/ 59.0	60/ 60	030A00	49/ 55	221/221	15
										227A00	50.0/57.7	18.8/25.0	78.8/ 87.9	80/ 90	031A00	72/ 81	221/221	16
										228A00	70.0/80.8	26.3/35.0	103.8/116.7	110/125	031A00	96/108	221/221	17
										229A00	80.0/92.4	30.0/40.0	116.3/131.2	125/150	031A00	107/121	221/221	17
							7.5		High	—	—	—/—	48.6/ 48.6	60/ 60	—	52/ 52	247/247	—
										225A00	20.0/23.1	7.5/10.0	48.6/ 48.6	60/ 60	030A00	52/ 52	247/247	15
										226A00	30.0/34.6	11.3/15.0	56.7/ 61.9	60/ 70	031A00	52/ 57	247/247	15
										227A00	50.0/57.7	18.8/25.0	81.7/ 90.7	90/100	031A00	75/ 84	247/247	16
										228A00	70.0/80.8	26.3/35.0	106.7/119.6	110/125	031A00	98/111	247/247	17
										229A00	80.0/92.4	30.0/40.0	119.2/134.0	125/150	031A00	110/124	247/247	17
	460-3-60	414	506	6.4	39	0.8	2.6	—	Low	—	—	—	20.8	25	—	22	98	—
										232A00	11.5	10.0	20.8	25	030A00	22	98	15
										233A00	17.3	15.0	27.6	30	030A00	25	98	15
										234A00	28.9	25.0	42.1	45	030A00	39	98	15
										235A00	40.4	35.0	56.5	60	030A00	52	98	15
										236A00	46.2	40.0	63.7	70	033A00	59	98	19
							3.4		High	—	—	—	21.6	25	—	23	111	—
										232A00	11.5	10.0	21.6	25	030A00	23	111	15
										233A00	17.3	15.0	28.6	30	030A00	26	111	15
										234A00	28.9	25.0	43.1	45	030A00	40	111	15
										235A00	40.4	35.0	57.5	60	030A00	53	111	15
										236A00	46.2	40.0	64.7	70	033A00	60	111	19
							2.6	1.2	Low	—	—	—	22.0	25	—	23	101	—
										232A00	11.5	10.0	22.0	25	030A00	23	101	15
										233A00	17.3	15.0	29.1	30	030A00	27	101	15
										234A00	28.9	25.0	43.6	45	030A00	40	101	15
										235A00	40.4	35.0	58.0	60	030A00	53	101	15
										236A00	46.2	40.0	65.2	70	033A00	60	101	19
							3.4		High	—	—	—	22.8	25	—	24	114	—
										232A00	11.5	10.0	22.9	25	030A00	24	114	15
										233A00	17.3	15.0	30.1	35	030A00	28	114	15
										234A00	28.9	25.0	44.6	45	030A00	41	114	15
										235A00	40.4	35.0	59.0	60	030A00	54	114	15
										236A00	46.2	40.0	66.2	70	033A00	61	114	19

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
08 (cont)	575-3-60	518	632	6.4	30.0	0.8	2.0	—	Low	—	—	—	20.1	20	—	21	86	—
										239A00	13.9	15.0	22.0	25	030A00	21	86	15
										240A00	23.1	25.0	33.5	35	030A00	31	86	15
										241A00	32.3	35.0	45.1	50	030A00	41	86	15
										242A00	37.0	40.0	50.9	60	030A00	47	86	15
									High	—	—	—	20.6	20	—	22	104	—
										239A00	13.9	15.0	23.0	25	030A00	22	104	15
										240A00	23.1	25.0	34.5	35	030A00	32	104	15
										241A00	32.3	35.0	46.1	50	030A00	42	104	15
										242A00	37.0	40.0	51.9	60	030A00	48	104	15
	575-3-60	518	632	6.4	30.0	0.8	2.8	3.0	Low	—	—	—	19.9	25	—	21	88	—
										239A00	13.9	15.0	25.7	30	030A00	24	88	15
										240A00	23.1	25.0	37.3	40	030A00	34	88	15
										241A00	32.3	35.0	48.8	50	030A00	45	88	15
										242A00	37.0	40.0	54.6	60	030A00	50	88	15
									High	—	—	—	20.7	25	—	22	100	—
										239A00	13.9	15.0	26.7	30	030A00	25	100	15
										240A00	23.1	25.0	38.3	40	030A00	35	100	15
										241A00	32.3	35.0	49.8	50	030A00	46	100	15
										242A00	37.0	40.0	55.6	60	030A00	51	100	15
09	208/230-3-60	187	253	16.0	91	1.5	5.2	—	Low	—	—	—/—	49.1/ 49.1	60/ 60	—	52/ 52	223/223	—
										225A00	20.0/23.1	7.5/10.0	49.1/ 49.1	60/ 60	030A00	52/ 52	223/223	15
										226A00	30.0/34.6	11.3/15.0	50.0/ 55.2	60/ 60	030A00	52/ 52	223/223	15
										227A00	50.0/57.7	18.8/25.0	75.1/ 84.1	80/ 90	031A00	69/ 78	223/223	16
										228A00	70.0/80.8	26.3/35.0	100.1/113.0	110/125	031A00	92/104	223/223	17
										229A00	80.0/92.4	30.0/40.0	112.6/127.4	125/150	031A00	104/118	223/223	17
							10.2		High	—	—	—/—	54.1/ 54.1	60/ 60	—	58/ 58	266/266	—
										225A00	20.0/23.1	7.5/10.0	54.1/ 54.1	60/ 60	031A00	58/ 58	266/266	15
										226A00	30.0/34.6	11.3/15.0	56.3/ 61.5	60/ 70	031A00	58/ 58	266/266	15
										227A00	50.0/57.7	18.8/25.0	81.3/ 90.4	90/100	031A00	75/ 84	266/266	16
										228A00	70.0/80.8	26.3/35.0	106.3/119.2	110/125	031A00	98/110	266/266	17
										229A00	80.0/92.4	30.0/40.0	118.8/133.7	125/150	031A00	109/123	266/266	17
							5.2	3.0	Low	—	—	—/—	52.1/ 52.1	60/ 60	—	55/ 55	227/227	—
										225A00	20.0/23.1	7.5/10.0	52.1/ 52.1	60/ 60	031A00	55/ 55	227/227	15
										226A00	30.0/34.6	11.3/15.0	53.8/ 59.0	60/ 60	031A00	55/ 55	227/227	15
										227A00	50.0/57.7	18.8/25.0	78.8/ 87.9	80/ 90	031A00	72/ 81	227/227	16
										228A00	70.0/80.8	26.3/35.0	103.8/116.7	110/125	031A00	96/108	227/227	17
										229A00	80.0/92.4	30.0/40.0	116.3/131.2	125/150	031A00	107/121	227/227	17
							10.2		High	—	—	—/—	57.1/ 57.1	70/ 70	—	61/ 61	270/270	—
										225A00	20.0/23.1	7.5/10.0	57.1/ 57.1	70/ 70	030A00	61/ 61	270/270	15
										226A00	30.0/34.6	11.3/15.0	60.0/ 65.2	70/ 70	030A00	61/ 61	270/270	15
										227A00	50.0/57.7	18.8/25.0	85.1/ 94.1	90/100	031A00	78/ 87	270/270	16
										228A00	70.0/80.8	26.3/35.0	110.1/123.0	125/125	031A00	101/114	270/270	17
										229A00	80.0/92.4	30.0/40.0	122.6/137.4	125/150	031A00	113/127	270/270	17
	460-3-60	414	506	7.1	46	0.8	2.6	—	Low	—	—	—	22.2	25	—	24	112	—
										232A00	11.5	10.0	22.2	25	030A00	24	112	15
										233A00	17.3	15.0	27.6	30	030A00	25	112	15
										234A00	28.9	25.0	42.1	45	030A00	39	112	15
										235A00	40.4	35.0	56.5	60	030A00	52	112	15
										236A00	46.2	40.0	63.7	70	033A00	59	112	19
							4.8		High	—	—	—	24.4	30	—	26	134	—
										232A00	11.5	10.0	24.4	30	030A00	26	134	15
										233A00	17.3	15.0	30.4	35	030A00	28	134	15
										234A00	28.9	25.0	44.8	45	030A00	41	134	15
										235A00	40.4	35.0	59.2	60	030A00	54	134	15
										236A00	46.2	40.0	66.5	70	033A00	61	134	19

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.
† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.
IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
09 (cont)	460-3-60 (cont)	414	506	7.1	46	0.8	2.6	1.2	Low	—	—	—	23.4	30	—	25	115	—
										232A00	11.5	10.0	23.4	30	030A00	25	115	15
										233A00	17.3	15.0	29.1	30	030A00	27	115	15
										234A00	28.9	25.0	43.6	45	030A00	40	115	15
										235A00	40.4	35.0	58.0	60	030A00	53	115	15
										236A00	46.2	40.0	65.2	70	033A00	60	115	19
							4.8		High	—	—	—	25.6	30	—	27	136	—
										232A00	11.5	10.0	25.6	30	030A00	27	136	15
										233A00	17.3	15.0	31.9	35	030A00	29	136	15
										234A00	28.9	25.0	46.3	50	030A00	43	136	15
										235A00	40.4	35.0	60.7	70	033A00	56	136	15
										236A00	46.2	40.0	68.0	70	033A00	63	136	19
	575-3-60	518	632	5.6	37.0	0.8	2.0	—	Low	—	—	—	17.9	20	—	19	100	—
										239A00	13.9	15.0	22.0	25	030A00	20	100	15
										240A00	23.1	25.0	33.5	35	030A00	31	100	15
										241A00	32.3	35.0	45.1	50	030A00	41	100	15
										242A00	37.0	40.0	50.9	60	030A00	47	100	15
							3.3		High	—	—	—	19.2	25	—	21	138	—
										239A00	13.9	15.0	23.6	25	030A00	22	138	15
										240A00	23.1	25.0	35.2	35	030A00	32	138	15
										241A00	32.3	35.0	46.7	50	030A00	43	138	15
										242A00	37.0	40.0	52.5	60	030A00	48	138	15
							2.0	3.0	Low	—	—	—	20.9	25	—	22	94	—
										239A00	13.9	15.0	25.7	30	030A00	24	94	15
										240A00	23.1	25.0	37.3	40	030A00	34	94	15
										241A00	32.3	35.0	48.8	50	030A00	45	94	15
										242A00	37.0	40.0	54.6	60	030A00	50	94	15
							3.3		High	—	—	—	21.7	25	—	23	105	—
										239A00	13.9	15.0	26.7	30	030A00	25	105	15
										240A00	23.1	25.0	38.3	40	030A00	35	105	15
										241A00	32.3	35.0	49.8	50	030A00	46	105	15
										242A00	37.0	40.0	55.6	60	030A00	51	105	15
12	208/230-3-60	187	253	17.6	123	1.9	7.5	—	Low	—	—	—/—	55.8/ 55.8	70/ 70	—	59/ 59	318/318	—
										225A00	20.0/ 23.1	7.5/10.0	55.8/ 55.8	70/ 70	031A00	59/ 59	318/318	15
										226A00	30.0/ 34.6	11.3/15.0	55.8/ 58.1	70/ 70	031A00	59/ 59	318/318	15
										227A00	50.0/ 57.7	18.8/25.0	77.9/ 87.0	80/ 90	031A00	72/ 81	318/318	16
										228A00	70.0/ 80.8	26.3/35.0	102.9/115.9	110/125	031A00	95/107	318/318	17
										229A00	80.0/ 92.4	30.0/40.0	115.4/130.3	125/150	031A00	106/120	318/318	17
										230A00	100.1/115.5	37.6/50.0	140.5/130.3	150/150	031A00	129/147	318/318	17
							10.2		High	—	—	—/—	58.5/ 58.5	70/ 70	—	62/ 62	335/335	—
										225A00	20.0/ 23.1	7.5/10.0	58.5/ 58.5	70/ 70	031A00	62/ 62	335/335	15
										226A00	30.0/ 34.6	11.3/15.0	58.5/ 61.5	70/ 70	031A00	62/ 62	335/335	16
										227A00	50.0/ 57.7	18.8/25.0	81.3/ 90.4	90/100	031A00	75/ 84	335/335	16
										228A00	70.0/ 80.8	26.3/35.0	106.3/119.2	110/125	031A00	98/110	335/335	17
										229A00	80.0/ 92.4	30.0/40.0	118.8/133.7	125/150	031A00	109/123	335/335	17
										230A00	100.1/115.5	37.6/50.0	143.8/133.7	150/150	031A00	132/150	335/335	17
							7.5	3.0	Low	—	—	—/—	58.8/ 58.8	70/ 70	—	63/ 63	322/322	—
										225A00	20.0/ 23.1	7.5/10.0	58.8/ 58.8	70/ 70	031A00	63/ 63	322/322	15
										226A00	30.0/ 34.6	11.3/15.0	58.8/ 61.9	70/ 70	031A00	63/ 63	322/322	16
										227A00	50.0/ 57.7	18.8/25.0	81.7/ 90.7	90/100	031A00	75/ 84	322/322	16
										228A00	70.0/ 80.8	26.3/35.0	106.7/119.6	110/125	031A00	98/111	322/322	17
										229A00	80.0/ 92.4	30.0/40.0	119.2/134.0	125/150	031A00	110/124	322/322	17
										230A00	100.1/115.5	37.6/50.0	144.2/134.0	150/150	031A00	133/150	322/322	17
							10.2		High	—	—	—/—	61.5/ 61.5	70/ 70	—	66/ 66	339/339	—
										225A00	20.0/ 23.1	7.5/10.0	61.5/ 61.5	70/ 70	031A00	66/ 66	339/339	15
										226A00	30.0/ 34.6	11.3/15.0	61.5/ 65.2	70/ 70	031A00	66/ 66	339/339	16
										227A00	50.0/ 57.7	18.8/25.0	85.1/ 94.1	90/100	031A00	78/ 87	339/339	16
										228A00	70.0/ 80.8	26.3/35.0	110.1/123.0	125/125	031A00	101/114	339/339	17
										229A00	80.0/ 92.4	30.0/40.0	122.6/137.4	125/150	031A00	113/127	339/339	17
										230A00	100.1/115.5	37.6/50.0	147.6/137.4	150/150	031A00	136/154	339/339	17
	460-3-60	414	506	7.7	50	1.0	3.4	—	Low	—	—	—	24.9	30	—	26	132	—
										232A00	11.5	10.0	24.9	30	030A00	26	132	15
										233A00	17.3	15.0	28.6	30	030A00	26	132	15
										234A00	28.9	25.0	43.1	45	030A00	40	132	15
										235A00	40.4	35.0	57.5	60	030A00	53	132	15
										236A00	46.2	40.0	64.7	70	033A00	60	132	19
										237A00	57.7	50.0	64.7	70	033A00	73	132	19
							4.8		High	—	—	—	26.3	30	—	28	141	—
										232A00	11.5	10.0	26.3	30	030A00	28	141	15
										233A00	17.3	15.0	30.4	35	030A00	28	141	15
										234A00	28.9	25.0	44.8	45	030A00	41	141	15
										235A00	40.4	35.0	59.2	60	030A00	54	141	15
										236A00	46.2	40.0	66.5	70	033A00	61	141	19
										237A00	57.7	50.0	66.5	80	033A00	74	141	19

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
12 (cont)	460-3-60 (cont)	414	506	7.7	50	1.0	3.4	1.2	Low	—	—	—	26.1	30	—	28	135	—
										232A00	11.5	10.0	26.1	30	030A00	28	135	15
										233A00	17.3	15.0	30.1	35	030A00	28	135	15
										234A00	28.9	25.0	44.6	45	030A00	41	135	15
										235A00	40.4	35.0	59.0	60	030A00	54	135	15
										236A00	46.2	40.0	66.2	70	033A00	61	135	19
										237A00	57.7	50.0	66.2	70	033A00	74	135	19
							4.8		High	—	—	—	27.5	30	—	29	143	—
										232A00	11.5	10.0	27.5	30	030A00	29	143	15
										233A00	17.3	15.0	31.9	35	030A00	29	143	15
										234A00	28.9	25.0	46.3	50	030A00	43	143	15
										235A00	40.4	35.0	60.7	70	033A00	56	143	15
										236A00	46.2	40.0	68.0	70	033A00	63	143	19
										237A00	57.7	50.0	68.0	80	033A00	76	143	19
	575-3-60	518	632	6.1	40.0	0.8	2.8	—	Low	—	—	—	20.1	25	—	21	124	—
										239A00	13.9	15.0	23.0	25	030A00	21	124	15
										240A00	23.1	25.0	34.5	35	030A00	32	124	15
										241A00	32.3	35.0	46.1	50	030A00	42	124	15
										242A00	37.0	40.0	51.9	60	030A00	48	124	15
										243A00	46.2	50.0	51.9	60	030A00	58	124	15
							3.3		High	—	—	—	20.4	25	—	22	144	—
										239A00	13.9	15.0	23.6	25	030A00	22	144	15
										240A00	23.1	25.0	35.2	35	030A00	32	144	15
										241A00	32.3	35.0	46.7	50	030A00	43	144	15
										242A00	37.0	40.0	52.5	60	030A00	48	144	15
										243A00	46.2	50.0	52.5	60	030A00	59	144	15
							2.8	3.0	Low	—	—	—	22.8	25	—	25	111	—
										239A00	13.9	15.0	26.7	30	030A00	25	111	15
										240A00	23.1	25.0	38.3	40	030A00	35	111	15
										241A00	32.3	35.0	49.8	50	030A00	46	111	15
										242A00	37.0	40.0	55.6	60	030A00	51	111	15
										243A00	46.2	50.0	55.6	60	030A00	62	111	15
							3.3		High	—	—	—	22.8	25	—	25	111	—
										239A00	13.9	15.0	26.7	30	030A00	25	111	15
										240A00	23.1	25.0	38.3	40	030A00	35	111	15
										241A00	32.3	35.0	49.8	50	030A00	46	111	15
										242A00	37.0	40.0	55.6	60	030A00	51	111	15
										243A00	46.2	50.0	55.6	60	030A00	62	111	15
14	208/230-3-60	187	253	22.4	149	1.9	10.2	—	Low	—	—	—/—	69.3/ 69.3	90/ 90	—	73/ 73	387/387	—
										225A00	20.0/ 23.1	7.5/10.0	69.3/ 69.3	90/ 90	032A00	73/ 73	387/387	18
										226A00	30.0/ 34.6	11.3/15.0	69.3/ 69.3	90/ 90	032A00	73/ 73	387/387	18
										227A00	50.0/ 57.7	18.8/25.0	81.3/ 90.4	90/100	032A00	75/ 84	387/387	18
										228A00	70.0/ 80.8	26.3/35.0	106.3/119.2	110/125	032A00	98/110	387/387	18
										230A00	100.1/115.5	37.6/50.0	143.8/133.7	150/150	032A00	132/150	387/387	18
										231A00	120.1/138.6	45.1/60.0	168.9/156.8	175/175	032A00	155/177	387/387	18
							15.0		High	—	—	—/—	74.1/ 74.1	90/ 90	—	79/ 79	396/396	—
										225A00	20.0/ 23.1	7.5/10.0	74.1/ 74.1	90/ 90	032A00	79/ 79	396/396	18
										226A00	30.0/ 34.6	11.3/15.0	74.1/ 74.1	90/ 90	032A00	79/ 79	396/396	18
										227A00	50.0/ 57.7	18.8/25.0	87.3/ 96.4	90/100	032A00	80/ 89	396/396	18
										228A00	70.0/ 80.8	26.3/35.0	112.3/125.2	125/150	032A00	103/116	396/396	18
										230A00	100.1/115.5	37.6/50.0	149.8/139.7	150/150	032A00	138/156	396/396	18
										231A00	120.1/138.6	45.1/60.0	174.9/162.8	175/175	032A00	161/182	396/396	18

LEGEND

FLA — Full Load Amps
HACR — Heating, Air Conditioning and Refrigeration
IFM — Indoor — Fan Motor
LRA — Locked Rotor Amps
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
NEC — National Electrical Code
OFM — Outdoor—Fan Motor
RLA — Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field—supplied pressure connectors are used.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY VOLTS-PH-HZ	VOLTAGE RANGE		COMPRESSOR		OFM FLA	IFM FLA	POWER EXHAUST FLA	IFM TYPE	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA					CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP†		FLA	LRA	
14 (cont)	208/230-3-60 (cont)	187	253	22.4	149	1.9	10.2	3.0	Low	—	—	—/—	72.3/ 72.3	90/ 90	—	77/ 77	391/391	—
										225A00	20.0/ 23.1	7.5/10.0	72.3/ 72.3	90/ 90	032A00	77/ 77	391/391	18
										226A00	30.0/ 34.6	11.3/15.0	72.3/ 72.3	90/ 90	032A00	77/ 77	391/391	18
										227A00	50.0/ 57.7	18.8/25.0	85.1/ 94.1	90/100	032A00	78/ 87	391/391	18
										228A00	70.0/ 80.8	26.3/35.0	110.1/123.0	125/125	032A00	101/114	391/391	18
										230A00	100.1/115.5	37.6/50.0	147.6/137.4	150/150	032A00	136/154	391/391	18
										231A00	120.1/138.6	45.1/60.0	172.6/160.5	175/175	032A00	159/180	391/391	18
							15.0		High	—	—	—/—	77.1/ 77.1	90/ 90	—	82/ 82	400/400	—
										225A00	20.0/ 23.1	7.5/10.0	77.1/ 77.1	90/ 90	032A00	82/ 82	400/400	18
										226A00	30.0/ 34.6	11.3/15.0	77.1/ 77.1	90/ 90	032A00	82/ 82	400/400	18
										227A00	50.0/ 57.7	18.8/25.0	91.1/100.1	100/110	032A00	84/ 93	400/400	18
										228A00	70.0/ 80.8	26.3/35.0	116.1/129.0	125/150	032A00	107/119	400/400	18
										230A00	100.1/115.5	37.6/50.0	153.6/143.4	175/150	032A00	141/159	400/400	18
										231A00	120.1/138.6	45.1/60.0	178.6/166.5	200/175	032A00	164/186	400/400	18
	460-3-60	414	506	10.6	75	1.0	4.8	—	Low	—	—	—	32.8	40	—	35	192	—
										232A00	11.5	10.0	32.8	40	030A00	35	192	15
										233A00	17.3	15.0	32.8	40	030A00	35	192	15
										234A00	28.9	25.0	44.8	45	030A00	41	192	15
										235A00	40.4	35.0	59.2	60	030A00	54	192	15
										237A00	57.7	50.0	66.5	80	033A00	74	192	19
										238A00	69.3	60.0	78.0	90	033A00	88	192	19
							7.4		High	—	—	—	35.4	45	—	38	196	—
										232A00	11.5	10.0	35.4	45	030A00	38	196	15
										233A00	17.3	15.0	35.4	45	030A00	38	196	15
										234A00	28.9	25.0	48.1	50	030A00	44	196	15
										235A00	40.4	35.0	62.5	70	033A00	57	196	15
										237A00	57.7	50.0	69.7	80	033A00	77	196	19
										238A00	69.3	60.0	81.3	90	033A00	91	196	19
							4.8	1.2	Low	—	—	—	34.0	40	—	36	194	—
										232A00	11.5	10.0	34.0	40	030A00	36	194	15
										233A00	17.3	15.0	34.0	40	030A00	36	194	15
										234A00	28.9	25.0	46.3	50	030A00	43	194	15
										235A00	40.4	35.0	60.7	70	033A00	56	194	15
										237A00	57.7	50.0	68.0	80	033A00	76	194	19
										238A00	69.3	60.0	79.5	90	033A00	89	194	19
							7.4		High	—	—	—	36.6	45	—	39	199	—
										232A00	11.5	10.0	36.6	45	030A00	39	199	15
										233A00	17.3	15.0	36.6	45	030A00	39	199	15
										234A00	28.9	25.0	49.6	50	030A00	46	199	15
										235A00	40.4	35.0	64.0	70	033A00	59	199	19
										237A00	57.7	50.0	71.2	80	033A00	79	199	19
										238A00	69.3	60.0	82.8	90	033A00	92	199	19
	575-3-60	518	632	10.6	59.0	0.8	3.3	—	Low	—	—	—	30.4	30	—	32	182	—
										239A00	13.9	15.0	30.4	30	030A00	32	182	15
										240A00	23.1	25.0	35.2	35	030A00	32	182	15
										241A00	32.3	35.0	46.7	50	030A00	43	182	15
										242A00	37.0	40.0	52.5	60	030A00	48	182	15
										243A00	46.2	50.0	52.5	60	030A00	59	182	15
										244A00	55.4	60.0	61.7	70	033A00	70	182	19
							5.6		High	—	—	—	32.7	30	—	35	193	—
										239A00	13.9	15.0	32.7	30	030A00	35	193	15
										240A00	23.1	25.0	38.0	40	030A00	35	193	15
										241A00	32.3	35.0	49.6	50	030A00	46	183	15
										242A00	37.0	40.0	55.4	60	030A00	51	193	15
										243A00	46.2	50.0	55.4	60	030A00	62	183	15
										244A00	55.4	60.0	65.1	70	033A00	72	193	19
							3.3	3.0	Low	—	—	—	26.4	30	—	28	139	—
										239A00	13.9	15.0	26.7	30	030A00	28	139	15
										240A00	23.1	25.0	38.3	40	030A00	35	139	15
										241A00	32.3	35.0	49.8	50	030A00	46	139	15
										242A00	37.0	40.0	55.6	60	030A00	51	139	15
										243A00	46.2	50.0	55.6	60	030A00	62	139	15
										244A00	55.4	60.0	64.9	70	033A00	72	139	19
							5.6		High	—	—	—	29.2	35	—	31	153	—
										239A00	13.9	15.0	30.2	35	030A00	31	153	15
										240A00	23.1	25.0	41.8	45	030A00	38	153	15
										241A00	32.3	35.0	53.3	60	030A00	49	153	15
										242A00	37.0	40.0	59.1	60	030A00	54	153	15
										243A00	46.2	50.0	59.1	60	030A00	65	153	15
										244A00	55.4	60.0	68.4	70	033A00	76	153	19

See legend pg. 32.

Table 2 — Electrical Data — Units With Optional Powered Convenience Outlet (cont)

UNIT 50PG	NOMINAL POWER SUPPLY (V-PH-HZ)	VOLTAGE RANGE		COMPR NO. 1		COMPR NO. 2		COMPR NO. 3		OFM	POWER EXHAUST		IFM	IFM	ELECTRIC HEAT			POWER SUPPLY		CRSINGLE PART NO. (NOTE 3)	DISCONNECT SIZE		WIRING FIG. NO.
		MIN	MAX	RLA	LRA	RLA	LRA	RLA	LRA	FLA	QTY	FLA	TYPE	FLA	CRHEATER PART NO.	FLA	NOMINAL KW*	MCA	MOCP		FLA	LRA	
16	208/230-3-60	187	253	18.1	137	18.1	137	17.6	123	1.9	—	—	Low	10.2	—	—	—/—	79.0/ 79.0	90/ 90	—	86/ 86	487/487	—
															255A00	52.1/ 60.1	18.8/25.0	83.9/ 93.4	90/100	034	86/ 86	487/487	20
															256A00	104.2/120.3	37.6/50.0	149.1/138.5	150/150	034	137/156	487/487	20
															257A00	156.3/180.4	56.3/75.0	175.1/198.6	200/225	034	197/225	487/487	20
													Mid-Low	15.0	—	—	—/—	83.8/ 83.8	100/100	—	91/ 91	495/495	—
															255A00	52.1/ 60.1	18.8/25.0	89.9/ 99.4	100/100	034	91/ 92	495/495	20
															256A00	104.2/120.3	37.6/50.0	155.1/144.5	175/175	034	143/161	495/495	20
															257A00	156.3/180.4	56.3/75.0	181.1/204.6	200/225	034	203/230	495/495	20
													High	19.4	—	—	—/—	88.2/ 88.2	100/100	—	96/ 96	534/534	—
															255A00	52.1/ 60.1	18.8/25.0	95.4/104.9	100/110	034	96/ 97	534/534	20
															256A00	104.2/120.3	37.6/50.0	160.6/150.0	175/175	034	148/166	534/534	20
															257A00	156.3/180.4	56.3/75.0	186.6/210.1	200/250	034	208/235	534/534	20
											2	3.0	Low	10.2	—	—	—/—	82.0/ 82.0	100/100	—	89/ 89	491/491	—
															255A00	52.1/ 60.1	18.8/25.0	87.7/ 97.1	100/100	034	89/ 90	491/491	20
															256A00	104.2/120.3	37.6/50.0	152.8/142.2	175/175	034	141/159	491/491	20
															257A00	156.3/180.4	56.3/75.0	178.9/202.4	200/225	034	201/228	491/491	20
													Mid-Low	15.0	—	—	—/—	86.8/ 86.8	100/100	—	95/ 95	499/499	—
															255A00	52.1/ 60.1	18.8/25.0	93.7/103.1	100/110	034	95/ 95	499/499	20
															256A00	104.2/120.3	37.6/50.0	158.8/148.2	175/175	034	146/165	499/499	20
															257A00	156.3/180.4	56.3/75.0	184.9/208.4	200/225	034	206/234	499/499	20
													High	19.4	—	—	—/—	91.2/ 91.2	100/100	—	100/100	538/538	—
															255A00	52.1/ 60.1	18.8/25.0	99.2/108.6	100/110	034	100/100	538/538	20
															256A00	104.2/120.3	37.6/50.0	164.3/153.7	175/175	034	151/170	538/538	20
															257A00	156.3/180.4	56.3/75.0	190.4/213.9	200/250	034	211/239	538/538	20
	460-3-60	414	506	9.0	62	9.0	62	7.7	50	1.0	—	—	Low	4.8	—	—	—/—	37.9	45	—	41	217	—
															258A00	30.1	25.0	46.3	50	035	43	217	21
															259A00	60.1	50.0	68.9	80	036	77	217	22
															260A00	90.2	75.0	98.9	100	036	112	217	22
													Mid-Low	7.4	—	—	—/—	40.5	45	—	44	221	—
															258A00	30.1	25.0	49.6	50	035	46	221	21
															259A00	60.1	50.0	72.1	80	036	80	221	22
															260A00	90.2	75.0	102.2	110	036	115	221	22
													High	9.7	—	—	—/—	42.8	50	—	47	240	—
															258A00	30.1	25.0	52.4	60	035	48	240	21
															259A00	60.1	50.0	75.0	80	036	83	240	22
															260A00	90.2	75.0	105.1	125	036	117	240	22
											2	1.2	Low	4.8	—	—	—/—	39.1	45	—	42	220	—
															258A00	30.1	25.0	47.8	50	035	44	220	21
															259A00	60.1	50.0	70.4	80	036	79	220	22
															260A00	90.2	75.0	100.4	110	036	113	220	22
													Mid–Low	7.4	—	—	—/—	41.7	50	—	45	224	—
															258A00	30.1	25.0	51.1	60	035	47	224	21
															259A00	60.1	50.0	73.6	80	036	82	224	22
															260A00	90.2	75.0	103.7	125	036	116	224	22
													High	9.7	—	—	—/—	44.0	50	—	48	243	—
															258A00	30.1	25.0	53.9	60	035	50	243	21
															259A00	60.1	50.0	76.5	80	036	84	243	22
															260A00	90.2	75.0	106.6	125	036	119	243	22
	575-3-60	518	633	6.8	50	6.8	50	6.1	40	0.8	—	—	Low	2.8	—	—	—/—	28.3	35	—	31	169	—
															261A00	24.1	25.0	35.7	40	035	33	169	21
															262A00	46.2	50.0	51.9	60	035	58	169	21
															263A00	72.2	75.0	77.8	90	036	88	169	22
													Mid-Low	5.6	—	—	—/—	31.1	35	—	34	183	—
															261A00	24.1	25.0	39.2	40	035	36	183	21
															262A00	46.2	50.0	55.4	60	035	62	183	21
															263A00	72.2	75.0	81.3	90	036	91	183	22
													High	7.8	—	—	—/—	33.3	40	—	36	198	—
															261A00	24.1	25.0	42.0	45	035	39	198	21
															262A00	46.2	50.0	58.1	60	035	64	198	21
															263A00	72.2	75.0	84.1	100	036	94	198	22
											2	3.0	Low	2.8	—	—	—/—	31.3	35	—	34	173	—
															261A00	24.1	25.0	39.5	40	035	36	173	21
															262A00	46.2	50.0	55.6	60	035	62	173	21
															263A00	72.2	75.0	81.6	90	036	92	173	22
													Mid–Low	5.6	—	—	—/—	34.1	40	—	37	187	—
															261A00	24.1	25.0	43.0	45	035	40	187	21
															262A00	46.2	50.0	59.1	60	035	65	187	21
															263A00	72.2	75.0	85.1	90	036	95	187	22
													High	7.8	—	—	—/—	36.3	40	—	40	202	—
															261A00	24.1	25.0	45.7	50	035	42	202	21
															262A00	46.2	50.0	61.9	70	036	68	202	21
															263A00	72.2	75.0	87.8	100	036	97	202	22

See legend pg. 32.

LEGEND

FLA – Full Load Amps
HACR – Heating, Air Conditioning and Refrigeration
IFM – Indoor – Fan Motor
LRA – Locked Rotor Amps
MCA – Minimum Circuit Amps
MOCP – Maximum Overcurrent Protection
NEC – National Electrical Code
OFM – Outdoor–Fan Motor
RLA – Rated Load Amps

* Heater capacity (kW) is based on heater voltage of 208 v, 240 v, or 480 v. If power distribution voltage to unit varies from rated heater voltage, heater kW will vary accordingly.

† Fuse or HACR circuit breaker.

NOTES:

1. In compliance with NEC requirements for multimotor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker.
2. **Unbalanced 3-Phase Supply Voltage**
   Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 460-3-60

AB = 224 v
BC = 231 v
AC = 226 v

$$\text{Average Voltage} = \frac{224 + 231 + 226}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227 – 223 = 3 v
(BC) 231 – 227 = 4 v
(AC) 227 – 226 = 1 v
Maximum deviation is 4 v.
Determine percent of voltage imbalance.

$$\% \text{ Voltage Imbalance} = 100 \times \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

3. Single point kits CRSINGLE028A00 and CRSINGLE030A00 are not required if field–supplied pressure connectors are used.

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